

FIFTY-SEVENTH

8

ANNUAL REPORT OF THE TRUSTEES

OF THE

WORCESTER LUNATIC HOSPITAL,

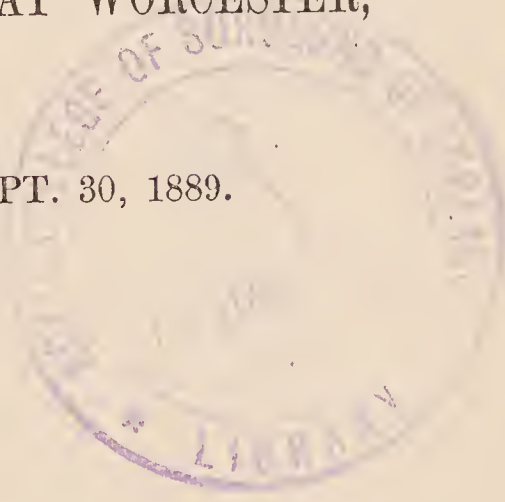
AND

TWELFTH ANNUAL REPORT OF THE TRUSTEES

OF THE

WORCESTER INSANE ASYLUM AT WORCESTER,

FOR THE YEAR ENDING SEPT. 30, 1889.



BOSTON :

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# OFFICERS OF THE HOSPITAL.

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## TRUSTEES.

ELLEN S. HALE,	. . . . .	BOSTON.
FRANCES M. LINCOLN,	. . . . .	WORCESTER.
A. GEO. BULLOCK,	. . . . .	WORCESTER.
THOMAS H. GAGE,	. . . . .	WORCESTER.
ROCKWOOD HOAR,	. . . . .	WORCESTER.
HENRY S. NOURSE,	. . . . .	So. LANCASTER.
FRANCIS C. LOWELL,	. . . . .	BOSTON.

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## RESIDENT OFFICERS.

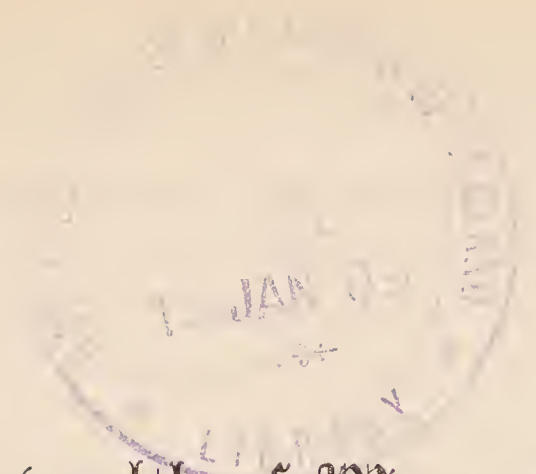
JOHN G. PARK, M.D.,	. . . . .	<i>Superintendent.</i>
ALFRED I. NOBLE, M.D.,	. . . . .	<i>Assistant Physician.</i>
FREDERICK H. DANIELS, M.D.,	. . . . .	<i>Assistant Physician.</i>
HARTSTEIN W. PAGE, M.D.,	. . . . .	<i>Assistant Physician.</i>
ELMER E. BROWN, M.D.,	. . . . .	<i>Assistant Physician.</i>
LAURE HULME, M.D.,	. . . . .	<i>Assistant Physician.</i>
EDWARD T. CALDWELL,	. . . . .	<i>Steward.</i>
LILA J. GORDON,	. . . . .	<i>Matron.</i>
S. JOSEPHINE BRECK,	. . . . .	<i>Clerk.</i>
HENRY S. GRAVES,	. . . . .	<i>Farmer.</i>

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## NON-RESIDENT OFFICERS.

ALBERT WOOD,	. . . . .	TREASURER.
KIMBLE R. SMITH,	. . . . .	ENGINEER.





# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Worcester Lunatic Hospital respectfully submit their fifty-seventh annual report, together with the reports of the superintendent and treasurer; also the tables of statistics, which give a detailed account of the operation of the institution.

Since their last annual report the resignation of Rev. John F. Moors has been accepted, and Mr. Henry S. Nourse of Lancaster has been appointed a trustee, and has taken his place upon the Board. The trustees wish to express their appreciation of the devoted service which Mr. Moors had so long rendered, and their regret that other demands upon his time made this course necessary.

It was with great regret that the trustees were obliged to accept the resignation of Dr. Albert R. Moulton, first assistant physician, after eleven years of service; a regret lessened by the fact that the State retains his valuable services in another position, as inspector of institutions. Dr. Alfred I. Noble was promoted to the place left vacant by Dr. Moulton, and Dr. Elmer E. Brown was appointed an assistant physician. During the absence of Dr. Park on a much-needed vacation, the affairs of the institution were well administered under the superintendence of Dr. Noble. Mr. Henry J. Bardwell has been succeeded as steward by Mr. Edward T. Caldwell.

We have again to express our sense of indebtedness to Dr. Park for his wise and faithful care of the many interests committed to him, and our appreciation of the executive ability to which we owe the maintenance of our former high standard in all departments.

The trustees are glad to know that, by the action of the Legislature in creating an inebriate asylum, this and other hospitals will be relieved of the care of dipsomaniacs, whose residence with the insane has not been beneficial to the latter.

The crowded state of our hospitals calls attention to the need of further provision for the accommodation of patients, and will continue to do so till some means are taken to meet this need.

Respectfully submitted,

ELLEN S. HALE.  
FRANCES M. LINCOLN.  
A. GEO. BULLOCK.  
THOMAS H. GAGE.  
ROCKWOOD HOAR.  
HENRY S. NOURSE.  
FRANCIS C. LOWELL.



OFFICERS AND THEIR SALARIES.

John G. Park, M.D., Superintendent,	\$2,500 00
Alfred I. Noble, M.D., Assistant Physician,	1,300 00
Frederick H. Daniels, M.D., Assistant Physician,	1,000 00
Hartstein W. Page, M.D., Assistant Physician,	1,000 00
Elmer E. Brown, M.D., Assistant Physician,	800 00
Laure Hulme, M.D., Assistant Physician,	800 00
Edward T. Caldwell, Steward,	1,000 00
Lila J. Gordon, Matron,	500 00
S. Josephine Breck, Clerk,	600 00
Kimble R. Smith, Engineer,	1,000 00
Albert Wood, Treasurer,	500 00

VALUE OF PERSONAL ESTATE.

SEPT. 30, 1889.

Live stock on the farm,	\$8,980 00
Produce of the farm on hand,	6,370 46
Carriages and agricultural implements,	7,123 93
Machinery and mechanical fixtures,	28,168 44
Beds and bedding in inmates' department,	28,039 37
Other furniture in inmates' department,	21,691 26
Personal property of State in superintendent's department,	19,109 59
Ready-made clothing,	1,234 21
Dry goods,	810 77
Provisions and groceries,	2,374 17
Drugs and medicines,	750 00
Fuel,	7,447 86
Library,	2,776 00
Other supplies undistributed,	4,261 33
Pipes and radiators,	36,000 00
Total,	\$175,137 39

## TREASURER'S REPORT.

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*To the Trustees of the Worcester Lunatic Hospital.*

I herewith submit my annual report on the finances of the Worcester Lunatic Hospital, for the year ending Sept. 30, 1889.

### RECEIPTS.

Cash on hand, Sept. 30, 1888,	\$19,125 18
Received of the Commonwealth for support of patients,	26,904 74
of cities and towns,	83,122 41
of individuals,	36,627 83
for interest, sale of produce, etc.,	5,435 37
belonging to patients,	2,914 62
<hr/>	
Total,	\$174,130 15

The expenditures for the year have been as follows : —

### PROVISIONS.

Flour,	\$7,087 03
Meat of all kinds,	9,751 12
Fish,	2,321 95
Meal for cooking,	445 59
Beans, potatoes and other vegetables,	2,103 71
Sugar,	4,097 14
Molasses and syrup,	569 48
Tea,	616 32
Coffee,	1,549 74
Butter,	7,806 78
Cheese,	479 35
Fresh fruits,	809 36
Eggs, salt and other groceries,	6,651 55
<hr/>	
Total for provisions ( <i>carried forward</i> ),	\$44,289 12





## RESOURCES.

Cash on hand, . . . . .	\$29,364 42
Due from the Commonwealth, . . . . .	8,051 05
cities and towns, . . . . .	21,710 81
cities and towns, previous quarter, . . . . .	215 40
individuals, . . . . .	9,563 90
Total resources, . . . . .	<u>\$68,905 58</u>

## LIABILITIES.

Due for supplies and improvements, . . . . .	\$6,940 77
for salaries and wages, . . . . .	4,224 13
to patients, . . . . .	1,338 98
	<u>12,503 88</u>
Total surplus, . . . . .	\$56,401 70

Respectfully submitted,

ALBERT WOOD,

*Treasurer.*

SEPT. 30, 1889.

## HOSPITAL LIBRARY FUND.

## LEWIS FUND.

Cash on hand Sept. 30, 1888, . . . . .	\$1 23
Received dividends on Springfield bond, . . . . .	70 00
	<u>\$71 23</u>
Expended for books, . . . . .	\$70 06
Cash on hand Sept. 30, 1889, . . . . .	1 17
	<u>\$71 23</u>

## WHEELER FUND.

Cash on hand Sept. 30, 1888, . . . . .	\$6 59
Received dividends, . . . . .	220 27
	<u>\$226 86</u>
Expended for books, . . . . .	\$179 98
Cash on hand Sept. 30, 1889, . . . . .	46 88
	<u>\$226 86</u>

*Lewis Fund Investment.*

Springfield bond, . . . . .	\$1,300 00
Cash on hand Sept. 30, 1889, . . . . .	1 17
	<u>\$1,301 17</u>

Whceler Fund Investments.			
Seven shares Central National Bank, . . .	\$980	00	
Six shares Worcester National Bank, . . .	780	00	
Worcester County Institution for Savings, . .	1,145	86	
Worcester Five Cents Savings Bank, . . .	1,719	47	
Cash on hand Sept. 30, 1889, . . . . .	46	88	
			\$4,672 21
			\$5,973 38

LAND ACCOUNT.

Cash on hand Sept. 30, 1888, . . . . .	\$1,453	33
Received from sale of land, . . . . .	3,358	33
Received interest, . . . . .	225	68
Total, . . . . .	\$5,037	34

EXPENDITURES.			
Plans and surveys, . . . . .	\$135	60	
Commissions, . . . . .	45	00	
Grading, . . . . .	2,974	85	
Money refunded for land, with interest, . .	121	58	
	\$3,277	03	
Cash on hand Sept. 30, 1889, . . . . .	1,760	31	
			\$5,037 34
Amount received from sale of land and interest since July 30, 1874, . . . . .			
			\$95,586 61
Sent to State Treasurer, . . . . .	\$81,805	29	
Expenses building streets, commissions, etc., .	12,021	01	
	\$93,826	30	
Cash on hand, . . . . .	1,760	31	
			\$95,586 61
Due from sales, . . . . .			1,110 00
Land sold previous to July 30, 1874, as shown by the books at the State Treasurer's office, . . . . .			58,883 26
			\$155,579 87

Respectfully submitted,

ALBERT WOOD,

Treasurer.

WORCESTER, MASS., Oct. 28, 1889.

The undersigned has carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1889, with the vouchers which are on file at the hospital, also the statement of receipts with the ledger accounts, and found them to be correct. He has inspected the securities for the invested funds, and found them to correspond with the treasurer's statement of their market value; and he has compared the statement of expenditures in the land account with the vouchers, and found it correct.

GEORGE L. CLARK,  
*Auditor of Accounts*



SUPERINTENDENT'S REPORT.

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*To the Trustees of the Worcester Lunatic Hospital.*

I herewith respectfully present the fifty-seventh annual report of the hospital, with the usual statistical tables, which give an account of the operations and the results obtained in detail.

There remained in the hospital, Sept. 30, 1888, 771 patients, — 382 males and 389 females. The number of admissions during the year has been 391, representing 365 persons, — 209 males and 182 females, making the whole number under treatment 1,162. The daily average population has been 779.73. The largest number on any one day was 824, on July 11; and the smallest number 754, on October 14. Of this number 25 have been readmissions, and 1 female was transferred from McLean Asylum, Somerville. The number discharged has been 353, — 191 males and 162 females; and 1 male and 1 female were out on visit at the end of the year. Of this number 103 had recovered, of whom 14 had previously been inmates of this hospital, and been discharged as recovered, — 1 nineteen times, 1 five times, 1 three times, 2 twice each and 9 once each, — the 14 persons representing 40 recoveries; 66 were discharged much improved, some of whom after leaving the hospital went on to complete recovery; 60 improved and 57 not improved, including 20 transfers by the Board of Lunacy and Charity to the Taunton Lunatic Hospital, Worcester Insane Asylum and Bridgewater State Farm. Ten females and 2 males were put out to board in private families by the Board of Lunacy and Charity; one of the males proved unsuitable to remain, and was returned to the hospital. The number of deaths was 41 males and 22 females, being five



per cent. on the total number under treatment. The hospital has been free from any serious epidemic, the diseases and deaths occurring for the most part in persons already more or less exhausted by chronic brain disorders. Both the daily average number of inmates and the number of admissions have been greater than in any year since the new hospital was opened. Twenty-two persons of the criminal class have been sent to the hospital during the year from the various penal institutions in the State. Under the existing law we shall probably be obliged to receive this undesirable class until the buildings at Bridgewater, now in process of construction, are completed, when it is hoped that all insane criminals will be sent directly there from the prisons and reformatories.

Under provisions of chapter 39, Acts of 1885, 16 habitual drunkards have been committed. The Legislature of last year established an asylum for dipsomaniacs, and appropriated \$150,000 for the purchase of land and the erection of buildings. As soon as this institution is ready for occupancy, the various hospitals for the insane will be relieved of the responsibility of this class of patients, who are more undesirable in a hospital for the insane than even the criminal insane.

The year closes with 809 patients, — 50 more than we have suitable room for. The other State hospitals are even more crowded than this one. That is to say, accommodations for 200 to 250 patients are immediately required. Thus the necessity for new buildings for the insane is again brought to notice, and the coming Legislature will have to consider it. The character of these structures will depend upon the class of patients it is decided to build for. It is probable that neither of the State hospitals for the insane contain at the present time a hundred cases of acute disease, — that is, cases of less than one year's duration; so that, of the 4,000 insane now supported in State institutions, probably not more than 500 have a reasonable chance of recovery. This leaves 3,500 to be classified as chronic and practically incurable, and this number is increasing each year. To provide for these 4,000 insane, the State now has five large hospitals, with all the appliances for curative treatment, and two small asylums, at Worcester and Tewksbury, devoted exclusively to the chronic

insane, where the treatment from the nature of the cases must of necessity be chiefly custodial. If the State had the question of provision for its insane presented for the first time, the problem would be undoubtedly better solved than it is now, by providing five large asylums and two small hospitals. By this arrangement all acute cases could be amply supplied with everything necessary for their treatment at the hospitals, and the chronic cases could be sent at once to the asylums.

With the existing State establishments, however, the present need of more room can be best met by erecting a structure for the chronic insane upon a plan which will allow additions to be made from time to time as may be required. The most convenient location, geographically, for such an institution, would be near a line drawn through the State from north to south, touching Framingham, Concord and Lowell. The rapid encroachment of the city upon the old asylum grounds in Worcester is such that before many years this site will have to be abandoned. Should this property be sold, the proceeds might be used towards paying for a new institution of similar character.

The current expenses for the year, after deducting the amount received from the sale of products and other articles, have been \$136,262.58; dividing this amount by 779.73, the daily average number of patients, we find the average annual cost was \$174.75, equivalent to an average weekly cost of \$3.36 per patient.

The hospital library continues to be a source of enjoyment both to patients and employees. Two hundred and twenty-seven volumes have been added during the year. The total number of volumes is 1,948.

The institution has received gifts of newspapers, periodicals, pamphlets and Christmas cards from the Hospital Newspaper Society, publications of the Agricultural College, Amherst; and a copy each of the "Worcester Evening Gazette," "Worcester Daily Spy," "Fitchburg Sentinel" and "Salem Gazette."

The farm is each year being brought into a higher state of cultivation, and, under the management of Mr. Graves, has made a satisfactory return of farm products. Among this



number it has supplied the institution with 182,920 quarts of milk, and in addition to this we have bought about 130 quarts daily. As we make no butter, this amount, an average of 632 quarts daily, is consumed by the patients and employees.

There have been during the last year the usual number of changes in the corps of officers and employees. In November Dr. A. R. Moulton, who had been upon the medical staff since the new hospital was opened, in 1877, resigned to accept the appointment of inspector of institutions upon the State Board of Lunacy and Charity. Active, industrious, and of excellent executive ability, Dr. Moulton was devoted to the patients who came under his care during his long term of service, and his resignation was a source of sincere regret and a real loss to the hospital. Dr. A. I. Noble was promoted to the position of first assistant physician; and Dr. Elmer E. Brown was appointed an assistant physician, and entered upon his duties in December. In June Mr. Henry J. Bardwell resigned as steward, and his place was filled by the appointment of Mr. Edward T. Caldwell. The various officers and employees have, as a rule, I believe, performed their duties in a faithful and efficient manner, and co-operated with me heartily and cheerfully in carrying out all my plans for the management of the affairs of the hospital during the year.

For the advice and assistance which I receive from your Board in the various and complex duties of administration, I desire to express my sincere gratitude.

JOHN G. PARK,

*Superintendent.*

WORCESTER LUNATIC HOSPITAL, Sept 30, 1889.

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# STATISTICAL TABLES.

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# STATISTICAL TABLES.

## 1. General Statistics of the Year.

	Males.	Females.	Total.
Patients in the hospital, Sept. 30, 1888, . . . . .	382	389	771
Admissions within the year, . . . . .	209	182	391
Whole number of cases within the year, . . . . .	591	571	1,162
Discharges within the year, . . . . .			
Viz.: as recovered, . . . . .	62	41	103
much improved, . . . . .	21	45	66
improved, . . . . .	28	32	60
not improved, . . . . .	36	21	57
On visit, . . . . .	1	1	2
Not insane, . . . . .	2	-	2
Deaths, . . . . .	41	22	63
Patients remaining, Sept. 30, 1889, . . . . .	400	409	809
Supported as State patients, . . . . .	109	73	182
town patients, . . . . .	239	267	506
private patients, . . . . .	52	69	121
Number of persons within the year, . . . . .	579	556	1,135
admitted, . . . . .	197	168	365
recovered, . . . . .	62	38	100
Daily average number of patients, . . . . .	385.95	390.79	779.74

## 2. Monthly Admissions, Discharges and Averages.

MONTHS.	ADMISSIONS.			DISCHARGES (including Deaths, Elopements and Visits).			DAILY AVERAGE OF PATIENTS IN THE HOUSE.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
<b>1888.</b>									
October, . . . . .	16	6	22	15	13	28	377.87	381.86	759.74
November, . . . . .	13	13	26	14	15	29	382.01	378.53	760.63
December, . . . . .	5	19	24	11	11	22	379.16	382.16	761.32
<b>1889.</b>									
January, . . . . .	14	10	24	8	18	26	378.74	383.48	762.22
February, . . . . .	15	13	28	11	6	17	385.00	381.10	766.10
March, . . . . .	20	11	31	14	12	26	389.58	384.96	774.54
April, . . . . .	12	17	29	21	17	38	384.30	384.10	768.40
May, . . . . .	28	28	56	16	19	35	389.16	387.16	776.32
June, . . . . .	35	30	65	17	11	28	398.00	399.63	797.63
July, . . . . .	15	17	32	19	20	39	406.03	412.67	818.70
August, . . . . .	19	10	29	31	11	42	399.83	408.07	807.90
September, . . . . .	17	8	25	14	9	23	397.66	405.66	803.33
Total cases, . . . . .	209	182	391	191	162	353	385.95	390.79	779.74
Total persons, . . . . .	197	168	365	190	159	249	-	-	-

3. *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	170	149	319	—	—	—
Second, . . . . .	24	27	51	8	9	17
Third, . . . . .	8	4	12	3	1	4
Fourth, . . . . .	4	1	5	5	3	8
Fifth, . . . . .	1	—	1	—	—	—
Sixth, . . . . .	1	—	1	2	—	2
Eighth, . . . . .	1	—	1	5	—	5
Twentieth, . . . . .	—	1	1	—	18	18
Total of cases, . . . . .	209	182	391	23	31	54
Total of persons, . . . . .	197	168	365	—	—	—

4. *Ages of Persons admitted for the First Time.*

AGES.	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Fifteen years and less, . . . . .	3	2	5	—	—	—
From 15 to 20 years, . . . . .	13	3	16	7	3	10
20 to 25 years, . . . . .	18	17	35	20	17	37
25 to 30 years, . . . . .	22	17	39	26	21	47
30 to 35 years, . . . . .	27	18	45	26	13	39
35 to 40 years, . . . . .	17	17	34	19	22	41
40 to 50 years, . . . . .	30	33	63	34	36	70
50 to 60 years, . . . . .	17	20	37	20	22	42
60 to 70 years, . . . . .	10	8	18	10	10	20
70 to 80 years, . . . . .	6	4	10	7	5	12
Over 80 years, . . . . .	—	1	1	—	—	—
Unknown, . . . . .	6	11	17	—	—	—
Not insane, . . . . .	2	—	2	—	—	—
Totals, . . . . .	171	151	322	—	—	—

5. Residence of Persons admitted.

PLACES.	Males.	Females.	Totals.
Massachusetts, —			
Bristol County, . . . . .	—	1	1
Hampshire County, . . . . .	—	1	1
Middlesex County, . . . . .	68	79	147
Norfolk County, . . . . .	3	3	6
Suffolk County, . . . . .	44	27	71
Worcester County, . . . . .	82	57	139
Totals, . . . . .	197	168	365

6. Civil Condition of Persons admitted.

NUMBER OF THE ADMISSIONS.	DIVORCED.			UNMARRIED.			MARRIED.			WIDOWED.			UNKN'WN.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . .	—	1	1	77	53	130	84	69	153	8	27	35	1	1	2
Second, . . .	—	—	—	7	7	14	4	5	9	2	1	3	—	—	—
Third, . . .	—	—	—	5	—	5	2	3	5	—	—	—	—	—	—
Fourth, . . .	—	—	—	2	—	2	2	1	3	—	—	—	—	—	—
Sixth, . . .	—	—	—	1	—	1	1	—	1	—	—	—	—	—	—
Eighth, . . .	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Totals, . . .	—	1	1	92	60	152	94	78	172	10	28	38	1	1	2

7. *Occupations of Persons admitted.*

OCCUPATIONS.	Males.	Females.	Totals.
Agents, . . . . .	2	—	2
Boot makers, . . . . .	15	—	15
Blacksmiths, . . . . .	3	—	3
Book-keepers, . . . . .	11	—	11
Box makers, . . . . .	—	2	2
Brick layer, . . . . .	1	—	1
Crayon artist, . . . . .	1	—	1
Car driver, . . . . .	1	—	1
Conductor, . . . . .	1	—	1
Civil engineer, . . . . .	1	—	1
Cook, . . . . .	—	1	1
Clock maker, . . . . .	1	—	1
Carpenters, . . . . .	7	—	7
Cigar maker, . . . . .	1	—	1
Cotton manufacturer, . . . . .	1	—	1
Commission merchant, . . . . .	1	—	1
Custom-house officer, . . . . .	1	—	1
Collector, . . . . .	1	—	1
Domestics, . . . . .	—	28	28
Dyer, . . . . .	1	—	1
Driller, . . . . .	1	—	1
Farmers, . . . . .	17	—	17
Fresco painter, . . . . .	1	—	1
Grocery dealer, . . . . .	1	—	1
Housekeepers, . . . . .	—	82	82
Harness maker, . . . . .	1	—	1
Hotel porter, . . . . .	1	—	1
Hackman, . . . . .	1	—	1
Hat finisher, . . . . .	1	—	1
Iron moulders, . . . . .	3	—	3
Lather, . . . . .	1	—	1
Laster, . . . . .	1	—	1
Laborers, . . . . .	28	—	28
Laundress, . . . . .	—	1	1
Musician, . . . . .	1	1	2
<i>Carried forward, . . . . .</i>	108	115	223



7. *Occupations of Persons, etc. — Concluded.*

OCCUPATIONS.	Males.	Females.	Totals.
<i>Brought forward,</i> . . . . .	108	115	223
Merchants, . . . . .	4	—	4
Machinists, . . . . .	9	—	9
Newsboy, . . . . .	1	—	1
Nurse, . . . . .	—	1	1
Operatives, . . . . .	13	15	28
Polisher, . . . . .	1	—	1
Physicians, . . . . .	2	—	2
Plasterer, . . . . .	1	—	1
Picture framer, . . . . .	1	—	1
Packer, . . . . .	1	—	1
Painter, . . . . .	1	—	1
Printers, . . . . .	3	—	3
Provision dealers, . . . . .	2	—	2
Policeman, . . . . .	1	—	1
Pail maker, . . . . .	1	—	1
Reporter, . . . . .	1	—	1
Salesmen, . . . . .	4	—	4
Saw filer, . . . . .	1	—	1
Suspender weaver, . . . . .	1	—	1
Stone cutters, . . . . .	2	—	2
Steam fitter, . . . . .	1	—	1
Stable hand, . . . . .	1	—	1
Seamstresses, . . . . .	—	6	6
Saloon keeper, . . . . .	1	—	1
Sea captain, . . . . .	1	—	1
Surveyor, . . . . .	1	—	1
Teachers, . . . . .	—	3	3
Tinsmith, . . . . .	1	—	1
Tailors, . . . . .	1	3	4
Teamsters, . . . . .	2	—	2
Watch makers, . . . . .	2	—	2
Wire worker, . . . . .	1	—	1
Watchman, . . . . .	1	—	1
No occupations, . . . . .	25	25	50
Unknown, . . . . .	1	—	1
Totals, . . . . .	197	168	365



8. *Reported Duration of Insanity before Last Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 month, .	31	31	62	6	10	16	37	41	78
From 1 to 3 months,	13	25	38	2	5	7	15	30	45
3 to 6 months,	21	7	28	5	4	9	26	11	37
6 to 12 months,	7	13	20	3	5	8	10	18	28
1 to 2 years, .	9	10	19	4	4	8	13	14	27
2 to 5 years, .	20	17	37	8	8	16	28	25	53
5 to 10 years, .	19	7	26	11	9	20	30	16	46
10 to 20 years, .	4	5	9	4	4	8	8	9	17
Over 20 years, .	—	5	5	3	1	4	3	6	9
Unknown, .	32	9	41	7	3	10	39	12	51
Total cases, .	156	129	285	53	53	106	209	182	391
Total persons, .	156	129	285	41	39	80	197	168	365
Average of known cases, . . . .	mos. 28.14	mos. 29.31	mos. 28.72	mos. 31.05	mos. 46.04	mos. 42.19	mos. 29 05	mos. 34.23	mos. 32.49

9. *Form of Disease in Cases admitted.*

FORM OF DISEASE.	Males.	Females.	Totals.
Mania, acute, . . . . .	48	53	101
chronic, . . . . .	31	47	78
recurrent, . . . . .	7	14	21
puerperal, . . . . .	—	1	1
Melancholia, acute, . . . . .	18	31	49
chronic, . . . . .	7	3	10
Dementia, primary, . . . . .	4	—	4
secondary, . . . . .	17	7	24
senile, . . . . .	5	15	20
organic (tumors, hemorrhages, etc.), . . . . .	7	1	8
General paralysis of the insane, . . . . .	12	—	12
Epilepsy, . . . . .	8	5	13
Toxic insanity (alcohol, morphine, etc.), . . . . .	25	2	27
Congenital mental deficiency, idiocy, . . . . .	3	2	5
Habitual drunkards, . . . . .	15	1	16
Not insane, . . . . .	2	—	2
Totals, . . . . .	209	182	391

10. Probable Causes of Insanity in Persons admitted.

CAUSES.	PATIENTS ADMITTED.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Apoplexy, . . . . .	2	—	2	—	—	—	—	—	—
Congenital mental defi- ciency, . . . . .	5	4	9	—	—	—	—	1	1
Disappointment, . . . . .	1	7	8	—	1	1	—	1	1
Excessive mental labor, . . . . .	2	2	4	1	—	1	—	—	—
Epilepsy, . . . . .	13	6	19	3	1	4	5	1	6
General paralysis, . . . . .	11	—	11	—	—	—	—	—	—
Grief, . . . . .	2	7	9	2	2	4	—	3	3
Heredity, . . . . .	14	19	33	4	6	10	9	15	24
Intemperance, . . . . .	34	7	41	7	—	7	4	1	5
Ill health, . . . . .	15	17	32	4	3	7	1	2	3
Injury to head, . . . . .	6	4	10	3	1	4	1	1	2
Menopause, . . . . .	—	8	8	—	2	2	—	2	2
Measles, . . . . .	1	—	1	1	—	1	—	—	—
Masturbation, . . . . .	11	1	12	2	—	2	1	—	1
Nostalgia, . . . . .	—	1	1	—	—	—	—	1	1
Overwork, . . . . .	7	14	21	3	4	7	4	7	11
Opium habit, . . . . .	1	1	2	—	1	1	—	—	—
Puerperal, . . . . .	—	6	6	—	3	3	—	1	1
Paralysis, . . . . .	5	—	5	1	—	1	—	—	—
Religious excitement, . . . . .	5	4	9	—	—	—	3	1	4
Spiritualism, . . . . .	1	1	2	—	—	—	—	—	—
Syphilis, . . . . .	2	1	3	—	—	—	—	—	—
Senility, . . . . .	5	18	23	—	2	2	1	2	3
Scarlet-fever, . . . . .	1	—	1	—	—	—	—	—	—
Typhoid fever, . . . . .	—	1	1	—	—	—	—	—	—
Uterine trouble, . . . . .	—	—	—	—	2	2	—	—	—
Worry, . . . . .	12	14	26	—	2	2	1	2	3
Unknown, . . . . .	24	24	48	10	11	21	—	5	5
Habitual drunkards, . . . . .	15	1	16	2	—	2	1	—	1
Not insane, . . . . .	2	—	2	—	—	—	—	—	—
Totals, . . . . .	197	168	365	43	41	84	31	46	77

11. Relation to Hospital of Persons admitted.

HOSPITAL RELATIONS.	Males.	Females.	Totals.
First admission to any hospital for insane, . . .	156	129	285
Former inmates of this hospital and no other, . . .	23	16	39
Former inmates of this and other hospitals, . . .	5	4	9
Former inmates of other hospitals in this State : —			
Taunton, . . . . .	1	1	2
Danvers, . . . . .	3	4	7
Westborough, . . . . .	1	1	2
McLean, . . . . .	—	2	2
Boston Lunatic, . . . . .	1	—	1
Herbert Hall, . . . . .	—	2	2
Danvers and Nova Scotia, . . . . .	1	—	1
Taunton, South Boston and Westborough, . . .	—	1	1
Taunton, Danvers and Westborough, . . .	—	1	1
Westborough and Danvers, . . . . .	2	—	2
Augusta, Me , and Westborough, . . . . .	—	1	1
Augusta, Me., . . . . .	1	1	2
Concord, N. H., . . . . .	1	2	3
Rhode Island, . . . . .	1	—	1
Washington, D. C., . . . . .	1	—	1
Blackwell's Island, . . . . .	—	1	1
New York hospital, . . . . .	—	1	1
Prestwich, England, . . . . .	—	1	1
Totals, . . . . .	197	168	365

12. How Supported.

SUPPORTED AS —	PATIENTS ADMITTED.			AVERAGE OF THE YEAR.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
State patients, . . .	85	72	157	98.88	63.89	162.77
Town patients, . . .	78	73	151	239.43	257.75	497.18
Private patients, . .	34	23	57	50.64	69.15	119.79
Totals, . . .	197	168	365	388.95	390.79	779.74

13. Discharges classified by Admission and Result.

ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			ON VISIT.			DIED.			NOT INSANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, .	54	36	90	19	33	52	22	27	49	32	18	50	1	—	1	37	18	55	2	—	2	167	132	309
Second, .	6	3	9	2	7	9	4	5	9	2	2	4	—	—	—	4	3	7	—	—	—	18	20	38
Third, .	—	—	—	—	3	3	2	—	2	1	1	2	—	1	1	—	—	—	—	—	—	3	5	8
Fourth, .	1	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
Fifth, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	1
Sixth, .	—	—	—	—	1	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	1	1	2
Eighth, .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Nineteenth, .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Twentieth, .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Total cases, .	62	41	103	21	45	66	28	32	60	36	21	57	1	1	2	41	22	63	2	—	2	191	162	353
Total persons,	62	38	100	21	45	66	28	32	60	36	21	57	1	1	2	41	22	63	2	—	2	191	159	350



14. *Cases Discharged Recovered. — Duration.*

PERIOD.	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.		
	Me.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 month, . . .	15	16	31	6	3	9	2	1	3
From 1 to 3 months,	15	8	23	26	21	47	8	10	18
3 to 6 months,	4	4	8	16	7	23	11	10	21
6 to 12 months,	1	4	5	6	7	13	9	8	17
1 to 2 years, . . .	4	—	4	3	3	6	6	3	9
2 to 5 years, . . .	4	1	5	—	—	—	4	1	5
5 to 10 years, . . .	4	2	6	5	—	5	6	2	8
Over 10 years, . . .	4	—	4	—	—	—	5	—	5
Unknown, . . . . .	11	6	17	—	—	—	11	6	17
Total of cases, . . .	62	41	103	62	41	103	62	41	103
Total of persons, . .	62	38	100	62	38	100	62	38	100
Average of known cases, . . . . .	mos. 26.00	mos. 8.4	mos. 18.84	mos. 5.20	mos. 4.14	mos. 4.79	mos. 50.0	mos. 12.34	mos. 21.88

15. *Cases Resulting in Death. — Duration.*

PERIOD.	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 month, . . .	8	2	10	10	1	11	3	—	3
From 1 to 3 months,	5	2	7	4	3	7	3	1	4
3 to 6 months,	7	1	8	5	4	9	—	2	2
6 to 12 months,	2	2	4	11	3	14	8	1	9
1 to 2 years, . . .	8	—	8	3	2	5	7	—	7
2 to 5 years, . . .	4	4	8	3	5	8	6	2	8
5 to 10 years, . . .	1	1	2	3	2	5	5	5	10
10 to 20 years, . .	2	2	4	2	1	3	4	1	5
Over 20 years, . . .	—	1	1	—	1	1	1	3	4
Unknown, . . . . .	4	7	11	—	—	—	4	7	11
Total of cases, . . .	41	22	63	41	22	63	41	22	63
Average of known cases, . . . . .	mos. 20.64	mos. 61.6	mos. 32.46	mos. 18.73	mos. 40.27	mos. 26.25	mos. 46.81	mos. 92.6	mos. 61.94



16. Cases discharged by Recovery or Death.

FORM OF INSANITY.	RECOVERIES.			DEATHS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Mania, acute, . . .	18	26	44	7	1	8
chronic, . . .	1	2	3	7	5	12
recurrent, . . .	3	7	10	—	—	—
Melancholia, acute, . . .	10	2	12	2	2	4
chronic, . . .	—	—	—	1	2	3
Dementia, secondary, . . .	—	—	—	6	2	8
senile, . . .	—	—	—	6	7	13
organic, . . .	—	—	—	2	2	4
General paralysis, . . .	—	—	—	6	1	7
Epilepsy, . . .	—	—	—	4	—	4
Toxic insanity (alcohol, opi- um, cocaine), . . .	30	4	34	—	—	—
Totals, . . .	62	41	103	41	22	63

17. Causes of Death.

CAUSES.	Males.	Females.	Totals.
Exhaustion of mania, acute, . . .	6	—	6
chronic, . . .	4	1	5
melancholia, acute, . . .	2	2	4
chronic, . . .	1	—	1
acute mania and rectal ab- scess, . . .	—	1	1
senile dementia, . . .	5	4	9
dementia, secondary, . . .	6	—	6
organic, . . .	1	2	3
senile dementia and pelvic abscess, . . .	—	1	1
chronic melancholia and in- testinal catarrh, . . .	—	1	1
syphilitic dementia, . . .	1	—	1
senile dementia and erysipe- las, . . .	1	—	1
paralytic insanity, . . .	1	—	1
General paralysis, . . .	6	1	7
Phthisis pulmonalis, . . .	—	1	1
Epilepsy, . . .	3	3	6
Suffocation, . . .	1	—	1
Apoplexy, . . .	—	3	3
Heart disease, . . .	2	2	4
Phthisis abdominalis, . . .	1	—	1
Totals, . . .	41	22	63

18. Deaths classified by the Results of Previous Admissions.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	1	2	3	-	1	1	2	-	2	1	1	2	4	4	8
Second,	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1
Third,	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Fourth,	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Totals,	1	4	5	-	1	1	2	1	3	1	1	2	4	7	11

19. Recoveries classified by Results of Previous Admissions.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, .	8	4	12	1	-	1	-	-	-	9	4	13
Second, .	1	-	1	-	-	-	-	1	1	1	1	2
Third, .	2	1	3	-	-	-	-	-	1	2	1	3
Fourth, .	-	1	1	-	-	-	1	-	1	1	1	2
Fifth, .	1	1	2	-	-	-	-	-	1	1	1	2
Sixth, .	1	1	2	-	-	-	-	-	1	1	1	2
Seventh, .	-	1	1	1	-	1	-	-	1	1	1	2
Eighth, .	-	1	1	-	-	-	-	-	1	-	1	1
Ninth, .	-	1	1	-	-	-	-	-	1	-	1	1
Tenth, .	-	1	1	-	-	-	-	-	1	-	1	1
Eleventh, .	-	1	1	-	-	-	-	-	1	-	1	1
Twelfth, .	-	1	1	-	-	-	-	-	1	-	1	1
Thirteenth, .	-	1	1	-	-	-	-	-	1	-	1	1
Fourteenth, .	-	1	1	-	-	-	-	-	1	-	1	1
Fifteenth, .	-	1	1	-	-	-	-	-	1	-	1	1
Sixteenth, .	-	1	1	-	-	-	-	-	1	-	1	1
Seventeenth, .	-	1	1	-	-	-	-	-	1	-	1	1
Eighteenth, .	-	1	1	-	-	-	-	-	1	-	1	1
Nineteenth, .	-	1	1	-	-	-	-	-	1	-	1	1
Totals, .	13	21	34	2	-	2	1	1	2	16	22	38

20. Deaths classified by Duration of Insanity and of Treatment.

PERIOD.	DURATION OF INSANITY.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Under 1 month, . . .	3	—	3	10	1	11
From 1 to 3 months, . .	3	1	4	4	2	6
3 to 6 months, . . .	—	2	2	5	5	10
6 to 12 months, . . .	8	1	9	10	3	13
1 to 2 years, . . .	7	—	7	4	2	6
2 to 5 years, . . .	7	2	9	3	5	8
5 to 10 years, . . .	5	5	10	3	2	5
10 to 20 years, . . .	3	1	4	2	1	3
Over 20 years, . . .	1	3	4	—	1	1
Unknown, . . .	4	7	11	—	—	—
Totals, . . .	41	22	63	41	22	63
Average of known cases, .	mos. 45.59	mos. 91.8	mos. 60.84	mos. 23.70	mos. 36.54	mos. 28.19

21. Ages of Those who died.

AGES.	AT TIME OF FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
From 15 to 20 years, . .	2	1	3	—	—	—
20 to 25 years, . . .	4	2	6	2	2	4
25 to 30 years, . . .	—	—	—	1	—	1
30 to 35 years, . . .	5	1	6	3	—	3
35 to 40 years, . . .	—	4	4	4	1	5
40 to 50 years, . . .	13	3	16	12	5	17
50 to 60 years, . . .	5	2	7	9	2	11
60 to 70 years, . . .	4	4	8	4	3	7
70 to 80 years, . . .	3	—	3	4	6	10
Over 80 years, . . .	1	—	1	2	3	5
Unknown, . . .	4	5	9	—	—	—
Totals, . . .	41	22	63	41	22	63

22. *Number of Convicts admitted to the Hospital from its Opening, Jan. 19, 1833, to Sept. 30, 1889.*

	Males.	Females.	Totals.
Number upon first admission, . . . .	465	95	560
Number upon readmission, . . . .	56	8	64
Totals, . . . . .	521	103	624





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24. Relapsed Cases admitted in Each Year, and discharged in 1889.

YEARS ENDING --		ADMITTED.			DISCHARGED AND DIED IN 1889.														
					RECOVERED.			MUCH IMPROVED.			IMPROVED.			DIED.			REMAINING.		
					Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
September 30, 1868,	.	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
1869,	.	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
1872,	.	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	3	1	4
1873,	.	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1874,	.	2	3	5	-	-	-	-	-	-	-	-	-	-	-	-	3	2	5
1876,	.	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1877,	.	4	3	7	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1878,	.	4	5	9	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1879,	.	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
1880,	.	2	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2
1881,	.	3	6	9	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1882,	.	14	10	24	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4
1883,	.	9	19	28	-	-	-	-	-	-	-	-	-	-	-	-	4	1	5
1884,	.	8	11	19	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
1885,	.	12	16	28	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
1886,	.	12	12	24	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
1887,	.	13	13	26	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
1888,	.	6	10	16	1	1	2	-	-	-	-	-	-	-	-	-	1	1	2
1889,	.	15	12	27	6	4	10	-	-	-	1	1	2	1	1	2	7	5	12
		110	137	247	7	5	12	-	5	5	2	1	3	1	2	3	31	34	65

25. Record of 15,223 Cases admitted to the Worcester Lunatic Hospital from its Opening, Jan. 19, 1833, to Sept. 30, 1889.

	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of persons admitted, . . . . .	—	—	—	5,876	5,653	11,529	7,752	7,471	15,223
Number of readmissions, . . . . .	1,802	1,740	3,542	—	—	—	—	—	—
Readmissions without removal from the hospital, . . . . .	74	78	152	—	—	—	—	—	—
Total number of readmissions, . . . . .	—	—	—	1,876	1,818	3,694	—	—	—
Number of cases, . . . . .	—	—	—	812	504	1,316	—	—	—
Cases in other hospitals previous to first admission here, . . . . .	—	—	—	—	—	—	—	—	—
Cases in other hospitals between first admission and any subsequent admission, . . . . .	—	—	—	198	224	422	1,010	728	1,738
Transfers to State hospitals in this State on first admission, . . . . .	—	—	—	465	551	1,016	—	—	—
Removed to other institutions in this State on first admission, . . . . .	—	—	—	101	24	125	—	—	—
Sent to hospitals out of the State on first admission, . . . . .	—	—	—	10	12	22	—	—	—
Transfers to State hospitals in this State on readmissions, . . . . .	—	—	—	142	197	349	—	—	—
Removed to other institutions in this State on readmissions, . . . . .	—	—	—	20	7	27	—	—	—
Sent to hospitals out of the State on readmission, . . . . .	—	—	—	9	—	9	747	791	1,538
Persons admitted, . . . . .	5,876	5,653	11,529	—	—	—	—	—	—
Cases in this hospital, . . . . .	—	—	—	7,752	7,471	15,223	—	—	—
Previously in other hospitals, . . . . .	—	—	—	1,010	728	1,738	—	—	—
Removed to hospitals and institutions upon discharge, . . . . .	—	—	—	747	791	1,538	—	—	—
Total cases, . . . . .	—	—	—	—	—	—	9,509	8,990	18,499

*26. Showing the Results of First Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of persons on first admission, . . . . .	—	—	—	5,876	5,653	11,529
Discharged recovered, . . . . .	1,967	1,894	3,861	—	—	—
improved, . . . . .	1,493	1,594	3,087	—	—	—
not improved, . . . . .	1,143	1,018	2,161	—	—	—
not insane, . . . . .	8	5	13	—	—	—
On visit, . . . . .	2	2	4	—	—	—
Eloped, . . . . .	4	—	4	—	—	—
Died, . . . . .	969	829	1,798	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . . .	290	311	601	5,876	5,653	11,529

*Showing the Results of Readmissions.*

Number of readmissions, . . . . .	—	—	—	1,876	1,818	3,694
Discharged recovered, . . . . .	669	724	1,393	—	—	—
improved, . . . . .	510	486	996	—	—	—
not improved, . . . . .	352	310	662	—	—	—
On visit, . . . . .	—	2	2	—	—	—
Eloped, . . . . .	1	—	1	—	—	—
Died, . . . . .	234	198	432	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . . .	110	98	208	1,876	1,818	3,694

*Showing the Results of Second Admissions.*

Number of second admissions, . . . . .	—	—	—	1,132	1,122	2,254
Discharged recovered, . . . . .	354	365	719	—	—	—
improved, . . . . .	300	317	617	—	—	—
not improved, . . . . .	250	220	470	—	—	—
On visit, . . . . .	—	1	1	—	—	—
Died, . . . . .	162	144	306	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . . .	66	75	141	1,132	1,122	2,254

Showing the Results of Third Admissions.

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of third admissions,	—	—	—	361	313	674
Discharged recovered, . . .	137	135	272	—	—	—
improved, . . .	97	81	178	—	—	—
not improved, . . .	57	52	109	—	—	—
On visit, . . . . .	—	1	1	—	—	—
Died, . . . . .	44	30	74	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . .	26	14	40	361	313	674

Showing the Results of Fourth Admissions.

Number of fourth admis- sions, . . . . .	—	—	—	150	133	283
Discharged recovered, . . .	65	62	127	—	—	—
improved, . . .	44	40	84	—	—	—
not improved, . . .	25	20	45	—	—	—
Died, . . . . .	8	10	18	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . .	8	1	9	150	133	283

Showing the Results of Fifth Admissions.

Number of fifth admissions,	—	—	—	73	71	144
Discharged recovered, . . .	33	39	72	—	—	—
improved, . . .	15	15	30	—	—	—
not improved, . . .	8	9	17	—	—	—
Eloped, . . . . .	1	—	1	—	—	—
Died, . . . . .	11	5	16	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . .	5	3	8	73	71	144

Showing the Results of Sixth Admissions.

Number of sixth admissions,	—	—	—	41	39	80
Discharged recovered, . . .	23	21	44	—	—	—
improved, . . .	8	11	19	—	—	—
not improved, . . .	4	2	6	—	—	—
Died, . . . . .	3	3	6	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . .	3	2	5	41	39	80



*Showing the Results of Seventh Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of seventh admissions, . . . . .	—	—	—	26	25	51
Discharged recovered, . . . . .	14	16	30	—	—	—
improved, . . . . .	6	6	12	—	—	—
not improved, . . . . .	3	1	4	—	—	—
Died, . . . . .	3	2	5	26	25	51

*Showing the Results of Eighth Admissions.*

Number of eighth admissions, . . . . .	—	—	—	20	19	39
Discharged recovered, . . . . .	10	13	23	—	—	—
improved, . . . . .	9	3	12	—	—	—
not improved, . . . . .	1	2	3	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . . .	—	1	1	20	19	39

*Showing the Results of Ninth Admissions.*

Number of ninth admissions, . . . . .	—	—	—	15	16	31
Discharged recovered, . . . . .	9	11	20	—	—	—
improved, . . . . .	4	4	8	—	—	—
not improved, . . . . .	1	1	2	—	—	—
Died, . . . . .	1	—	1	15	16	31

*Showing the Results of Tenth Admissions.*

Number of tenth admissions, . . . . .	—	—	—	13	15	28
Discharged recovered, . . . . .	6	12	18	—	—	—
improved, . . . . .	6	2	8	—	—	—
not improved, . . . . .	1	1	2	13	15	28

*Showing the Results of Eleventh Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of eleventh admissions, . . . . .	—	—	—	12	14	26
Discharged recovered, . . .	3	9	12	—	—	—
improved, . . . . .	6	4	10	—	—	—
not improved, . . . . .	1	1	2	—	—	—
Died, . . . . .	1	—	1	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . . .	1	—	1	12	14	26

*Showing the Results of Twelfth Admissions.*

Number of twelfth admissions, . . . . .	—	—	—	9	11	20
Discharged recovered, . . .	3	9	12	—	—	—
improved, . . . . .	4	1	5	—	—	—
not improved, . . . . .	1	—	1	—	—	—
Died, . . . . .	1	1	2	9	11	20

*Showing the Results of Thirteenth Admissions.*

Number of thirteenth admissions, . . . . .	—	—	—	7	9	16
Discharged recovered, . . .	3	8	11	—	—	—
improved, . . . . .	3	—	3	—	—	—
not improved, . . . . .	1	—	1	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . . .	—	1	1	7	9	16

*Showing the Results of Fourteenth Admissions.*

Number of fourteenth admissions, . . . . .	—	—	—	5	8	13
Discharged recovered, . . .	3	6	9	—	—	—
improved, . . . . .	2	1	3	—	—	—
not improved, . . . . .	—	1	1	5	8	13

*Showing the Results of Fifteenth Admissions.*

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of fifteenth admissions, . . . . .	—	—	—	4	6	10
Discharged recovered, . . . . .	2	4	6	—	—	—
improved, . . . . .	2	1	3	—	—	—
not improved, . . . . .	—	1	1	4	6	10

*Showing the Results of Sixteenth Admissions.*

Number of sixteenth admissions, . . . . .	—	—	—	3	4	7
Discharged recovered, . . . . .	1	3	4	—	—	—
improved, . . . . .	1	—	1	—	—	—
Remaining in the hospital Sept. 30, 1889, . . . . .	1	1	2	3	4	7

*Showing the Results of Seventeenth Admissions.*

Number of seventeenth admissions, . . . . .	—	—	—	2	3	5
Discharged recovered, . . . . .	2	2	4	—	—	—
not improved, . . . . .	—	1	1	—	—	—
	—	—	—	2	3	5

*Showing the Results of Eighteenth Admissions.*

Number of eighteenth admissions, . . . . .	—	—	—	2	3	5
Discharged recovered, . . . . .	1	2	3	—	—	—
improved, . . . . .	1	—	1	—	—	—
Died, . . . . .	—	1	1	2	3	5

*Showing the Results of Nineteenth Admissions.*

Number of nineteenth admissions, . . . . .	—	—	—	1	2	3
Discharged recovered, . . . . .	—	2	2	—	—	—
improved, . . . . .	1	—	1	1	2	3

Showing the Results of Twentieth Admissions.

	Males.	Females.	Totals.	Males.	Females.	Totals.
Number of twentieth admissions, . . . . .	—	—	—	—	2	2
Discharged recovered, . . . .	—	2	2	—	2	2

Showing the Results of Twenty-first Admissions.

Number of twenty-first admissions, . . . . .	—	—	—	—	1	1
Discharged recovered, . . . .	—	1	1	—	1	1

Showing the Results of Twenty-second Admissions.

Number of twenty-second admissions, . . . . .	—	—	—	—	1	1
Discharged recovered, . . . .	—	1	1	—	1	1

Showing the Results of Twenty-third Admissions.

Number of twenty-third admissions, . . . . .	—	—	—	—	1	1
Discharged recovered, . . . .	—	1	1	—	1	1



27. Table showing Admissions, Discharges and Deaths.

YEARS ENDING SEPT. 30.	ADMITTED.						GRAND TOTALS.
	NEW CASES. FIRST ADMISSIONS.			NEW CASES HERE, BUT HAVE PREVIOUSLY BEEN IN OTHER HOSPITALS, AND ARE THEREFORE RELAPSED CASES.			
	Males.	Females.	Totals.	Males.	Females.	Totals.	
1833,	63	28	91	18	16	34	126
1833-34,	50	42	92	16	9	25	130
1834-35,	48	31	79	3	10	13	110
1835-36,	49	41	90	4	13	17	125
1836-37,	60	52	112	13	8	21	153
1837-38,	81	64	145	2	7	9	180
1838-39,	54	72	126	8	5	13	180
1839-40,	61	73	134	3	5	8	170
1840-41,	51	63	114	2	1	3	151
1841-42,	71	67	138	5	4	9	194
1842-43,	80	80	160	13	5	18	222
1843-44,	92	96	188	4	4	8	238
1844-45,	92	87	179	10	6	16	268
1845-46,	98	104	202	8	9	17	293
1846-47,	75	84	159	5	11	16	234
1847-48,	104	97	201	8	6	14	277
1848-49,	85	86	171	11	11	22	260
1849-50,	96	82	178	7	5	12	249
1850-51,	85	87	172	12	9	21	258
1851-52,	94	113	207	7	5	12	301
1852-53,	89	108	197	8	5	13	299

1853-54,	81	116	197	4	10	14	38	47	85	296
1854-55,	54	79	133	6	6	12	36	28	64	209
1855-56,	68	93	161	10	7	17	24	32	56	234
1856-57,	81	97	178	8	9	17	36	34	70	265
1857-58,	93	89	182	28	41	69	45	58	103	354
1858-59,	78	67	145	4	6	10	24	21	45	200
1859-60,	85	72	157	3	3	6	17	35	52	215
1860-61,	82	83	165	10	9	19	35	32	67	251
1861-62,	63	66	129	9	9	18	36	38	74	221
1862-63,	59	70	129	13	5	18	42	26	68	215
1863-64,	76	51	127	7	5	12	42	45	87	226
1864-65,	69	68	137	4	11	15	44	25	69	221
1865-66,	113	96	209	10	4	14	40	26	66	289
1866-67,	97	87	184	10	11	21	47	36	83	288
1867-68,	103	77	180	9	15	24	46	46	92	296
1868-69,	100	107	207	16	14	30	55	45	100	237
1869-70,	124	129	253	14	14	28	58	45	103	384
1870-71,	160	134	294	14	20	34	80	62	142	470
1871-72,	163	103	266	18	17	35	70	72	142	443
1872-73,	135	144	279	17	10	27	57	44	101	407
1873-74,	121	139	260	24	12	36	57	47	104	400
1874-75,	128	118	256	19	12	31	39	36	75	362
1875-76,	138	99	237	12	11	23	44	47	91	351
1876-77,	117	129	246	9	7	16	51	41	92	354
1877-78,	101	114	215	9	16	25	36	39	75	315
1878-79,	46	44	90	3	5	8	27	22	49	147
1879-80,	74	49	123	10	52	62	19	29	48	233
1880-81,	102	60	162	26	20	46	17	24	41	249
1881-82,	87	83	170	53	22	75	40	25	65	310
1882-83,	94	76	170	7	37	44	21	40	61	275
1883-84,	79	76	155	20	33	53	18	26	44	252
1884-85,	128	95	223	10	17	27	31	37	68	318
1885-86,	94	112	206	18	30	48	44	23	67	323
1886-87,	123	100	223	16	18	34	29	29	58	315
1887-88,	145	107	252	37	45	82	23	32	55	389
1888-89,	156	129	285	15	19	34	39	33	72	391
Totals,	5,205	4,914	10,119	672	736	1,408	1,877	1,819	3,696	15,223

27. *Table showing Admissions, Discharges and Deaths — Continued.*

[illegible]





27. *Table showing Admissions, Discharges and Deaths — Concluded.*

[illegible]

1854-55,	48	57	105	9	21	30	23	23	46	15	12	27
1855-56,	45	61	106	33	27	60	14	12	34	10	24	34
1856-57,	54	78	132	38	33	71	14	23	42	19	23	42
1857-58,	62	63	125	54	54	108	30	22	42	20	22	42
1858-59,	53	48	101	28	34	62	5	11	30	19	11	30
1859-60,	51	51	102	33	36	69	8	16	29	13	16	29
1860-61,	51	66	117	45	31	76	17	21	35	14	17	35
1861-62,	56	56	112	33	30	63	6	17	30	13	15	30
1862-63,	44	46	90	46	33	79	2	15	37	22	15	37
1863-64,	48	44	92	52	39	91	9	13	27	14	13	27
1864-65,	42	42	84	45	41	86	12	15	33	18	15	33
1865-66,	53	56	109	60	46	106	15	16	51	35	16	51
1866-67,	56	47	103	61	57	118	12	18	43	25	18	43
1867-68,	54	42	96	60	56	116	21	18	40	22	18	40
1868-69,	49	59	108	62	67	129	26	21	54	33	21	54
1869-70,	52	67	119	82	70	152	22	21	53	32	21	53
1870-71,	89	62	151	99	104	203	31	25	57	32	25	57
1871-72,	77	45	122	91	87	178	48	24	58	34	24	58
1872-73,	50	43	93	63	75	138	60	31	66	35	31	66
1873-74,	36	33	69	77	84	161	52	26	59	33	26	59
1874-75,	60	29	89	54	60	114	40	32	69	37	32	69
1875-76,	48	23	76	47	48	95	46	32	80	48	32	80
1876-77,	34	35	69	56	53	109	33	38	75	37	38	75
1877-78,	36	32	68	44	51	95	23	37	66	29	37	66
1878-79,	25	6	31	13	21	34	13	9	30	21	9	30
1879-80,	26	21	47	26	38	64	20	26	45	19	26	45
1880-81,	27	20	47	41	36	77	32	19	47	28	19	47
1881-82,	35	31	66	42	40	82	48	29	48	29	19	48
1882-83,	27	30	57	37	34	71	23	26	60	26	34	60
1883-84,	26	22	48	18	34	62	32	29	40	23	17	40
1884-85,	45	28	73	30	54	84	47	2	58	34	24	58
1885-86,	40	32	72	31	49	80	36	16	36	20	16	36
1886-87,	38	30	68	38	41	79	28	15	35	20	15	35
1887-88,	52	40	92	35	52	87	21	19	49	30	19	49
1888-89,	41	24	65	23	32	55	13	4	24	20	4	24
Totals, . .	2,636	2,618	5,254	2,003	2,070	4,073	1,495	1,329	2,824	1,197	1,028	2,225

28. Table showing Admissions, Discharges and Deaths, with the Mean Annual Mortality, Proportion of Recoveries, Per Cent. of the Discharges, including Deaths and Elopements, for Each Year.

YEARS ENDING SEPT. 30,	ADMITTED.			DISCHARGES.						DIED.			ELOPED.		
	Males.	Females.	Totals.	RECOVERED.			IMPROVED.			NOT IMPROVED.			NOT INSANE.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1833,	82	44	126	7	4	11	2	1	3	-	1	1	1	-	1
1833-34,	73	57	130	33	26	59	12	18	30	16	6	22	6	1	1
1834-35,	61	49	110	27	24	51	13	14	27	14	11	25	14	1	1
1835-36,	62	63	125	24	26	50	18	11	29	13	5	18	13	3	3
1836-37,	87	66	153	38	28	66	10	12	22	17	4	21	5	3	8
1837-38,	94	86	180	41	33	74	11	16	27	17	8	25	4	3	7
1838-39,	84	96	180	37	48	85	10	9	19	17	18	35	10	7	17
1839-40,	77	93	170	28	46	74	18	20	38	25	18	43	13	8	21
1840-41,	67	84	151	32	42	74	16	18	34	12	12	24	8	9	17
1841-42,	100	94	194	44	53	97	12	11	23	19	17	36	5	5	10
1842-43,	117	105	222	52	57	109	26	24	50	27	23	50	5	8	13
1843-44,	116	122	238	51	73	124	25	24	49	32	9	41	8	14	22
1844-45,	145	123	268	56	50	106	13	23	36	30	14	44	7	9	16
1845-46,	142	151	293	63	81	144	20	19	39	12	13	25	11	8	19
1846-47,	103	131	234	52	52	104	6	22	28	21	24	45	22	19	41
1847-48,	138	139	277	62	63	125	19	26	45	28	26	54	18	10	28
1848-49,	127	133	260	62	66	128	19	20	39	23	23	46	16	15	31
1849-50,	130	119	249	53	58	111	14	9	23	32	22	54	19	18	37
1850-51,	124	134	258	56	66	122	19	15	34	19	14	33	27	30	57
1851-52,	145	156	301	51	53	104	19	17	36	23	22	45	14	23	37
1852-53,	141	158	299	60	78	138	22	18	58	34	24	77	20	22	42
1853-54,	123	173	296	53	77	130	23	16	39	31	46	77	18	19	37
1854-55,	96	113	209	49	61	110	20	22	42	117	130	247	11	16	27
1855-56,	102	132	234	41	55	96	11	18	29	32	18	50	18	14	32



1856-57, .	125	140	265	46	66	112	47	33	80	6	6	12	20	30	50
1857-58, .	166	188	354	79	84	163	59	52	111	49	70	119	21	19	40
1858-59, .	106	94	200	40	40	80	26	36	62	8	3	11	24	10	34
1859-60, .	105	110	215	59	57	116	14	24	38	13	6	19	14	11	25
1860-61, .	127	124	251	46	56	102	30	27	57	10	5	15	15	17	32
1861-62, .	108	113	221	49	55	104	24	34	58	6	3	9	10	22	32
1862-63, .	114	101	215	46	49	95	49	22	71	5	10	15	17	14	31
1863-64, .	125	101	226	68	56	124	63	45	108	7	7	14	16	18	34
1864-65, .	117	104	221	36	46	82	58	40	98	9	3	12	12	21	33
1865-66, .	163	126	289	43	44	87	57	39	96	15	10	25	26	13	39
1866-67, .	154	134	288	68	62	130	63	65	128	10	3	13	27	17	44
1867-68, .	158	138	296	46	40	86	70	58	128	11	11	22	21	12	33
1868-69, .	171	166	337	51	56	107	73	87	160	18	14	32	29	19	48
1869-70, .	196	188	384	48	68	116	72	54	126	24	17	41	40	23	63
1870-71, .	254	216	470	87	68	155	107	102	209	16	14	30	41	22	63
1871-72, .	251	192	443	92	45	137	99	97	196	37	17	54	28	12	40
1872-73, .	209	198	407	49	49	98	72	76	148	41	21	62	36	33	69
1873-74, .	202	198	400	41	28	69	68	71	139	51	50	101	37	38	75
1874-75, .	196	166	362	55	35	90	65	82	147	31	32	63	32	35	67
1875-76, .	194	157	351	41	31	72	37	60	97	47	49	93	45	32	77
1876-77, .	177	177	354	38	34	72	58	39	97	31	43	74	43	26	69
1877-78, .	146	169	315	26	31	57	39	49	88	69	69	138	22	29	51
1878-79, .	76	71	147	33	14	47	20	25	45	16	21	37	17	19	36
1879-80, .	103	130	233	29	12	41	27	25	52	19	31	50	30	17	47
1880-81, .	145	104	249	31	23	54	33	31	64	16	13	29	26	21	47
1881-82, .	180	130	310	29	26	55	32	47	79	10	17	27	29	26	55
1882-83, .	122	153	275	33	28	61	33	37	70	19	22	41	23	30	53
1883-84, .	117	135	252	24	29	53	29	42	71	17	34	51	33	24	57
1884-85, .	170	148	318	45	29	74	31	40	71	47	21	68	39	29	68
1885-86, .	157	166	323	34	31	65	38	75	113	82	44	126	26	21	47
1886-87, .	168	147	315	45	29	74	45	45	90	85	59	144	35	26	61
1887-88, .	205	184	389	45	36	81	38	51	89	20	55	75	36	31	67
1888-89, .	209	182	391	62	41	103	49	77	126	36	21	57	41	22	63
Totals, .	7,752	7,471	15,223	2,636	2,618	5,254	2,003	2,080	4,083	1,495	1,328	2,823	1,203	1,027	2,230



28. Table showing Admissions, Discharges and Deaths, etc. — Concluded.

YEARS END- ING SEPT. 30.	ON VISIT.			REMAINING SEPT. 30 IN EACH YEAR.			AVERAGE NUMBER RESIDENT.			PERCENTAGE OF RECOV- ERIES ON DISCHARGES. (Including Deaths.)			PERCENTAGE OF DEATHS ON AVERAGE NUMBERS.			PERCENTAGE OF DEATHS ON TOTAL NUMBERS UNDER TREATMENT.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1833,	—	—	—	69	37	106	—	—	107	53.84	57.14	55.00	—	—	3.73	3.65	2.27	3.17
1833-34,	—	—	—	75	43	118	—	—	117	49.25	50.98	50.00	—	—	5.98	4.22	1.06	2.96
1834-35,	—	—	—	78	40	118	—	—	120	46.55	46.15	46.36	—	—	5.83	2.94	3.26	3.07
1835-36,	—	—	—	80	58	138	—	—	127	40.00	57.77	47.61	—	—	6.29	3.57	2.91	3.29
1836-37,	—	—	—	98	77	175	—	—	163	55.07	59.57	56.89	—	—	4.29	2.39	2.43	2.41
1837-38,	—	—	—	113	99	212	—	—	211	51.89	51.56	51.74	—	—	8.05	5.20	4.32	4.80
1838-39,	—	—	—	112	112	224	—	—	223	43.52	57.83	50.59	—	—	9.41	6.59	4.12	5.37
1839-40,	—	—	—	123	118	241	—	—	229	42.42	52.87	48.36	—	—	7.42	4.23	4.41	4.32
1840-41,	—	—	—	118	120	238	—	—	233	44.44	51.21	48.05	—	—	4.29	2.63	2.48	2.55
1841-42,	—	—	—	130	119	249	—	—	238	50.00	55.78	53.00	—	—	5.46	2.29	3.75	3.01
1842-43,	—	—	—	129	130	259	—	—	244	44.06	60.62	51.41	—	—	9.01	3.23	6.27	4.68
1843-44,	—	—	—	132	132	264	—	—	261	43.13	60.83	53.21	—	—	6.13	2.85	3.53	3.22
1844-45,	—	—	—	185	161	346	—	—	316	60.86	53.19	56.98	—	—	6.01	3.97	3.14	3.57
1845-46,	—	—	—	201	169	370	—	—	359	50.00	56.64	53.53	—	—	11.42	6.72	6.10	6.42
1846-47,	—	—	—	200	190	390	—	—	377	50.00	47.27	48.59	—	—	7.42	5.92	3.34	4.64
1847-48,	—	—	—	218	202	420	—	—	404	51.66	49.60	50.60	—	—	7.67	4.73	4.57	4.65
1848-49,	—	—	—	213	209	422	—	—	420	46.96	52.38	49.61	—	—	8.80	5.50	5.38	5.44
1849-50,	—	—	—	230	217	447	—	—	440	46.90	52.25	49.55	—	—	12.95	7.87	9.17	8.50
1850-51,	—	—	—	242	225	467	—	—	462	50.00	52.38	51.26	—	—	8.00	3.95	6.57	5.25
1851-52,	—	—	—	263	264	527	—	—	515	41.12	42.29	43.15	—	—	8.34	5.16	6.05	5.60
1852-53,	—	—	—	271	258	529	—	—	520	45.11	47.56	46.46	—	—	8.07	4.95	5.22	5.09
1853-54,	—	—	—	183	189	372	—	—	430	25.11	31.81	28.69	—	—	8.60	4.56	4.41	4.48
1854-55,	—	—	—	178	166	344	—	—	349	48.51	44.85	46.41	—	—	7.73	3.94	5.29	4.64
1855-56,	—	—	—	178	193	371	—	—	357	40.19	52.38	46.37	—	—	8.96	6.42	4.69	5.53
1856-57,	—	—	—	184	198	382	—	—	387	38.65	48.88	44.09	—	—	12.92	6.60	9.00	7.86
1857-58,	—	—	—	142	161	303	—	—	372	37.98	37.33	37.64	—	—	10.75	5.10	4.92	4.43

1858-59,	150	166	316				309	41.83	44.94	43.91				10.67	9.27	3.92	6.56
1859-60,	154	178	332	—	—	—	324	58.49	58.16	58.29	—	—	—	7.71	5.49	3.98	4.70
1860-61,	180	197	377	—	—	—	369	45.54	53.33	49.51	—	—	—	8.67	5.33	5.62	5.48
1861-62,	199	166	395	—	—	—	401	55.05	48.24	51.23	—	—	—	7.98	3.47	7.09	5.35
1862-63,	196	202	398	—	—	—	398	39.31	51.57	44.81	—	—	—	7.78	5.43	4.71	5.08
1863-64,	167	177	344	—	—	—	366	44.15	44.44	44.28	—	—	—	9.28	4.98	4.94	5.44
1864-65,	169	171	340	—	—	—	350	31.30	41.08	36.44	—	—	—	9.42	4.22	7.47	5.84
1865-66,	191	191	382	—	—	—	368	30.49	41.50	35.22	—	—	—	10.59	7.83	4.37	6.20
1866-67,	177	178	355	—	—	—	389	40.47	42.17	41.26	—	—	—	11.31	7.82	5.23	6.56
1867-68,	187	195	382	—	—	—	370	31.08	33.05	31.97	—	—	—	8.91	6.26	3.79	5.06
1868-69,	187	185	372	—	—	—	387	29.82	31.81	30.83	—	—	—	12.40	8.10	5.26	6.67
1869-70,	199	211	410	—	—	—	396	26.08	41.97	33.52	—	—	—	15.90	10.44	6.16	8.33
1870-71,	202	221	423	—	—	—	439	34.66	33.00	33.91	—	—	—	13.66	9.05	5.15	7.15
1871-72,	197	242	439	—	—	—	450	35.93	26.31	32.08	—	—	—	8.88	6.17	2.90	4.61
1872-73,	208	261	469	208.21	245.17	435.38	435.38	24.74	27.37	45.99	17.29	13.46	15.21	15.21	8.86	7.50	8.15
1873-74,	213	272	485	212.50	263.60	476.10	476.10	20.81	14.86	17.96	17.41	14.41	15.75	15.75	9.02	8.27	8.63
1874-75,	225	253	478	224.02	262.76	486.78	486.78	29.34	18.91	24.39	14.27	13.32	13.76	13.76	7.82	7.99	7.91
1875-76,	249	238	487	241.45	258.75	500.20	500.20	24.11	18.02	21.05	18.63	12.36	15.39	15.39	10.73	7.80	9.28
1876-77,	256	272	528	247.09	259.37	506.46	506.46	22.35	23.77	23.00	17.40	10.22	13.62	13.62	10.09	6.26	8.20
1877-78,	246	263	509	240.22	255.93	496.15	496.15	16.66	17.41	17.06	9.15	11.33	10.27	10.27	5.47	6.57	6.04
1878-79,	235	255	490	239.06	254.12	493.18	493.18	37.93	17.72	28.31	7.11	7.47	7.29	7.29	5.27	5.68	5.48
1879-80,	233	300	533	237.75	266.08	503.83	503.83	27.61	14.11	21.57	12.61	6.39	9.32	9.32	8.87	4.41	6.80
1880-81,	272	316	588	258.03	311.95	569.98	569.98	29.24	26.13	27.83	10.07	6.73	8.24	8.24	6.87	5.19	6.01
1881-82,	351	330	681	311.28	330.37	641.65	641.65	28.71	22.41	25.34	9.31	7.87	8.57	8.57	6.41	5.82	6.12
1882-83,	365	366	731	359.01	354.42	713.43	713.43	30.55	23.93	27.11	6.40	8.46	8.25	8.25	4.86	6.21	5.54
1883-84,	378	371	749	369.39	381.60	751.00	751.00	23.00	22.30	22.65	8.93	6.28	7.58	7.58	6.66	4.74	5.26
1884-85,	386	400	786	381.15	383.43	764.59	764.59	21.60	24.36	26.12	10.23	7.62	8.89	8.89	7.11	5.58	6.37
1885-86,	363	395	758	364.88	341.07	755.95	755.95	18.88	18.12	10.14	7.12	5.36	6.21	6.21	4.78	3.71	4.23
1886-87,	316	378	694	346.85	372.79	719.64	719.64	20.92	12.25	19.26	10.08	6.97	8.47	8.47	6.59	4.79	5.59
1887-88,	382	388	770	338.85	369.34	708.19	708.19	32.44	20.80	25.89	10.63	8.40	9.46	9.46	6.85	5.51	6.18
1888-89,	400	409	809	385.95	390.79	779.74	779.74	32.63	25.46	29.34	10.62	5.62	7.95	7.95	6.93	3.87	5.42
Totals, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—From 1833 to 1858 the annual reports were submitted in November and December. The total average numbers resident in this table were taken from those reports, but the results of discharges, etc., have been made to October 1, and therefore will not agree with the tables in those reports.

29. Number of Readmissions of the Same Persons, and the Total Results.

NUMBER OF TIMES ADMITTED.	NUMBER OF PERSONS READMITTED.			Number of Times Recovered.	Number of Times Improved.	Number of Times Unimproved.	Died.	Remaining in the Hospital.	TOTAL NUMBER OF PERSONS SHOWING THE SAME RESULTS.			Total of Recov- eries.	Total Improved.	Total Unim- proved.	Total Died in Hospital.	Total Remaining in Hospital.
	Males.	Females.	Totals.						Males.	Females.	Totals.					
Two, . . . .	345	403	748	2	-	-	-	-	132	152	284	568	-	-	-	-
				1	1	-	-	-	95	117	212	212	212	-	-	-
				1	-	1	-	-	52	51	103	103	-	103	-	-
				1	-	-	1	-	53	64	117	117	-	-	117	-
				1	-	-	-	1	13	19	32	32	-	-	-	32
Three, . . . .	134	108	242	3	-	-	-	-	34	30	64	192	-	-	-	-
				2	1	-	-	-	30	22	52	104	52	-	-	-
				2	-	1	-	-	3	6	9	18	-	9	-	-
				2	-	-	1	-	16	8	24	48	-	-	24	-
				2	-	-	-	1	2	4	6	12	-	-	-	-
				2	-	-	-	-	15	21	36	36	72	-	-	-
				1	1	1	-	-	9	1	10	10	10	10	-	-
				1	1	-	1	-	8	8	16	16	16	-	16	-
				1	1	-	-	1	5	2	7	7	7	-	-	7
				1	-	2	-	-	4	4	8	8	-	16	-	-
				1	-	1	-	-	7	1	8	8	-	8	-	-
				1	-	1	-	1	1	1	2	2	-	2	-	-
Four, . . . .	57	50	107	4	-	-	-	-	13	11	24	96	-	-	-	-
				3	1	-	-	-	12	11	23	69	23	-	-	-



1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	3	1	1	1	1	1	1	1						
4	1	1	3	1	1	1	1	3	1	1	1	1	1	1	1	1	6	1	1	1	1	1	4	2						
6	1	1	4	1	2	1	1	7	3	2	6	2	1	1	1	1	2	3	1	3	1	3	2							
1	1	1	24	4	3	2	1	1	24	14	2	3	2	3	1	1	7	1	1	10	3	1	1	6	8	2				
18	12	3	24	8	6	4	2	2	2	8	7	1	3	2	3	1	55	28	4	24	12	15	3	9	3	3	6	8	4	
6	4	1	12	4	3	2	1	1	1	8	7	1	3	2	3	1	11	7	1	6	3	5	1	3	1	1	3	4	2	
5	2	4	2	2	1	1	5	4	3	1	1	4	6	3	1	4	1	3	1	1	1	1	1	1	1	1	1	1	1	
1	2	1	8	4	1	1	1	3	3	1	2	3	1	7	1	3	2	1	1	1	1	2	3	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	
1	1	2	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	
3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	5	4	4	4	4	3	3	3	3	3	2	2	2	2

54

30

24

Five, . . .



29. Number of Readmissions of the Same Persons, and the Total Results — Continued.

NUMBER OF TIMES. ADMITTED.	NUMBER OF PERSONS READMITTED.			Number of Times Recovered.	Number of Times Improved.	Number of Times Unimproved.	Died.	Remaining in the Hospital.	TOTAL NUMBER OF PERSONS SHOWING THE SAME RESULTS.			Total of Recov- eries.	Total Improved.	Total Unim- proved.	Total Died in Hospital.	Total Remaining in Hospital.
	Males.	Females.	Totals.						Males.	Females.	Totals.					
Six, . . . . .	10	10	20	2	1	2	1	1	1	1	1	2	1	2	1	1
				1	4	1	1	1	1	1	1	2	3	1	1	1
				1	3	2	1	1	1	1	1	1	2	2	1	1
				1	2	4	1	1	1	1	1	1	3	4	1	1
				6	1	1	1	1	2	2	4	24	4	1	1	1
				5	1	1	1	1	2	1	2	20	1	1	1	1
				5	1	1	1	1	2	1	2	5	1	1	1	1
				5	1	1	1	1	1	1	1	10	1	1	1	1
				5	1	1	1	1	1	1	1	10	1	1	1	1
				4	2	1	1	1	1	1	1	8	4	1	1	1
				4	3	1	1	1	1	1	1	4	3	1	1	1
				2	3	2	1	1	1	1	1	2	3	2	1	1
Seven, . . . . .	6	6	12	7	1	1	1	1	1	1	1	7	2	1	1	1
				6	1	1	1	1	1	1	1	12	2	1	1	1
				6	1	1	1	1	1	1	1	6	1	1	1	1
				6	1	1	1	1	1	1	1	12	1	1	1	1



29. Number of Readmissions of the Same Persons, and the Total Results — Concluded.

NUMBER OF TIMES ADMITTED.	NUMBER OF PERSONS READMITTED.			Number of Times Recovered.	Number of Times Improved.	Number of Times Unimproved.	Died.	Remaining in the Hospital.	TOTAL NUMBER OF PERSONS SHOWING THE SAME RESULTS.			Total of Recov- eries.	Total Improved.	Total Unim- proved.	Total Died in Hospital.	Total Remaining in Hospital.
	Males.	Females.	Totals.						Males.	Females.	Totals.					
Fourteen, . . .	1	2	3	14	13	1	1	1	1	1	1	14	1	1	1	1
				11	2	1	1	1	1	1	1	11	2	1	1	1
				10					1	1	1	10				
Fifteen, . . .	1	2	3	15	1	1	1	1	1	1	1	15	1	1	1	1
				14	1	1	1	1	1	1	1	14	1	1	1	1
				14	1	1	1	1	1	1	1	14	1	1	1	1
Sixteen, . . .	1	1	2	12	3	1	1	1	1	1	1	12	3	1	1	1
				10	5	1	1	1	1	1	1	10	5	1	1	1
Eighteen, . . .	1	1	2	16	6	1	1	1	1	1	1	16	6	1	1	1
				12		1	1	1	1	1	1	12		1	1	1
Nineteen, . . .	1	1	1	4	15	1	1	1	1	1	1	4	15	1	1	1
Twenty, . . .	1	1	1	19	1	1	1	1	1	1	1	19	1	1	1	1
Twenty-three, . . .	1	1	1	22	1	1	1	1	1	1	1	22	1	1	1	1
	595	625	1,220	—	—	—	—	—	595	625	1,220	2,427	660	224	208	65

30. *Parentage of Persons admitted.*

BIRTHPLACE.	MALES.		FEMALES.	
	Father.	Mother.	Father.	Mother.
Maine, . . . . .	8	7	2	7
New Hampshire, . . . . .	13	13	4	4
Vermont, . . . . .	1	2	—	—
Massachusetts, . . . . .	38	42	13	12
Rhode Island, . . . . .	—	—	1	—
Connecticut, . . . . .	2	1	2	2
New York, . . . . .	3	1	2	2
Pennsylvania, . . . . .	—	—	1	1
Virginia, . . . . .	1	1	2	2
North Carolina, . . . . .	—	—	1	—
Georgia, . . . . .	1	1	—	—
Nebraska, . . . . .	—	—	1	1
Canada, . . . . .	6	6	9	8
New Brunswick, . . . . .	3	2	2	3
Nova Scotia, . . . . .	5	5	2	2
Prince Edward Island, . . . . .	1	1	2	2
Cape Breton, . . . . .	—	—	1	1
England, . . . . .	7	5	4	5
Ireland, . . . . .	62	64	72	67
Scotland, . . . . .	5	5	2	2
Germany, . . . . .	5	5	3	3
Italy, . . . . .	2	2	1	2
Sweden, . . . . .	6	6	3	3
Russia, . . . . .	1	1	—	—
Holland, . . . . .	1	1	1	—
Azores, . . . . .	—	—	1	1
Poland, . . . . .	—	—	1	1
Unknown, . . . . .	26	26	35	37
Totals, . . . . .	197	197	168	168



31. *Subsequent History of 1,134 Persons who have been discharged from the Hospital as recovered on their ONLY Admission or on their Last Readmission.*

	Males.	Females.	Totals.
Remained well and living at time of reply, . . .	164	146	310
Remained well through life, . . . . .	113	136	249
Relapsed and readmitted to this hospital, . . .	2	1	3
Relapsed, admitted to other hospitals, and died there, . . . . .	27	27	54
Relapsed, admitted to other hospitals, and discharged, . . . . .	35	32	67
Relapsed, admitted to other hospitals, and there now, . . . . .	13	20	33
Relapsed and died at home, . . . . .	48	54	102
Relapsed and died at almshouse, . . . . .	24	16	40
Relapsed and living at almshouse, . . . . .	9	3	12
Relapsed and living at home, . . . . .	22	29	51
Relapsed and nothing more known, . . . . .	9	1	10
Suicides, . . . . .	26	14	40
Relapsed, and died in Andersonville Prison, . .	1	—	1
Totals, . . . . .	493	479	972
No information, . . . . .	—	—	162
	493	479	1,134

*Residence of Private Patients admitted to the Hospital from Oct. 1, 1888, to Sept. 30, 1889.*

TOWNS.	No.	TOWNS.	No.
Acton, . . . . .	1	Millbury, . . . . .	1
Auburn, . . . . .	1	Mansfield, . . . . .	1
Boston, . . . . .	5	Natick, . . . . .	4
Brookline, . . . . .	1	Newton, . . . . .	2
Barre, . . . . .	2	Pepperell, . . . . .	1
Chelsea, . . . . .	2	Petersham, . . . . .	1
Charlton, . . . . .	1	Royalston, . . . . .	1
Cambridge, . . . . .	1	Somerville, . . . . .	2
Dracut, . . . . .	1	Worcester, . . . . .	14
Fitchburg, . . . . .	1	Ware, . . . . .	1
Framingham, . . . . .	2	Watertown, . . . . .	2
Greenwich, . . . . .	1	West Brookfield, . . . . .	1
Groton, . . . . .	2	Weymouth, . . . . .	1
Grafton, . . . . .	2	Warren, . . . . .	2
Gardner, . . . . .	1	Waltham, . . . . .	1
Leominster, . . . . .	3		
Lunenburg, . . . . .	1	Total, . . . . .	63
Natives, . . . . .			54
Foreigners, . . . . .			9

*Residence of Town Patients admitted to the Hospital from Oct. 1, 1888, to Sept. 30, 1889.*

TOWNS.	No.	TOWNS.	No.
Acton, . . . . .	1	Natick, . . . . .	5
Billerica, . . . . .	1	Newburyport, . . . . .	1
Boylston, . . . . .	1	Northbridge, . . . . .	1
Boston, . . . . .	4	Oxford, . . . . .	1
Brookfield, . . . . .	1	Plymouth, . . . . .	1
Brookline, . . . . .	2	Petersham, . . . . .	2
Cambridge, . . . . .	27	Somerville, . . . . .	2
Carlisle, . . . . .	2	Southbridge, . . . . .	1
Chelsea, . . . . .	1	Spencer, . . . . .	1
Clinton, . . . . .	2	Sutton, . . . . .	2
Charlton, . . . . .	1	Stow, . . . . .	1
Dudley, . . . . .	1	Sterling, . . . . .	1
Dracut, . . . . .	1	Sturbridge, . . . . .	1
Fitchburg, . . . . .	4	Templeton, . . . . .	2
Framingham, . . . . .	1	Uxbridge, . . . . .	3
Gardner, . . . . .	1	Waltham, . . . . .	3
Hopkinton, . . . . .	1	Wayland, . . . . .	1
Hardwick, . . . . .	2	Worcester, . . . . .	19
Lowell, . . . . .	9	Warren, . . . . .	1
Leominster, . . . . .	2	Webster, . . . . .	2
Leicester, . . . . .	2	Wellesley, . . . . .	1
Milford, . . . . .	4	Woburn, . . . . .	1
Millbury, . . . . .	1	Westford, . . . . .	1
Medway, . . . . .	1	West Boylston, . . . . .	1
Milton, . . . . .	1		
Malden, . . . . .	1	Total, . . . . .	131
Marlborough, . . . . .	1		
Natives, . . . . .			86
Foreigners, . . . . .			45

*State Patients admitted to the Hospital from Oct. 1, 1888, to Sept. 30, 1889.*

State natives, . . . . .	88
State foreigners, . . . . .	109
Total, . . . . .	197

## SUMMARY OF FARM ACCOUNT

FOR TWELVE MONTHS, ENDING SEPT. 30, 1889.

										Dr.	
Blacksmithing, . . . . .	.	.	.	.	.	.	.	.	.	\$225	21
Bread, etc., . . . . .	.	.	.	.	.	.	.	.	.	120	00
Butter, . . . . .	.	.	.	.	.	.	.	.	.	217	18
Current expenses, . . . . .	.	.	.	.	.	.	.	.	.	214	76
Fertilizer, . . . . .	.	.	.	.	.	.	.	.	.	696	00
Furnishings, . . . . .	.	.	.	.	.	.	.	.	.	39	11
Fuel and lights, . . . . .	.	.	.	.	.	.	.	.	.	85	23
Grain and meal, . . . . .	.	.	.	.	.	.	.	.	.	2,059	77
Groceries and supplies, . . . . .	.	.	.	.	.	.	.	.	.	315	78
Labor, extra, by day, . . . . .	.	.	.	.	.	.	.	.	.	133	72
Live stock, horses and cattle, . . . . .	.	.	.	.	.	.	.	.	.	975	00
Meats, . . . . .	.	.	.	.	.	.	.	.	.	393	80
Repairs, . . . . .	.	.	.	.	.	.	.	.	.	74	42
Seeds, . . . . .	.	.	.	.	.	.	.	.	.	38	89
Sugar, . . . . .	.	.	.	.	.	.	.	.	.	95	19
Tools, . . . . .	.	.	.	.	.	.	.	.	.	106	32
Water, . . . . .	.	.	.	.	.	.	.	.	.	41	79
Wages, pay roll, . . . . .	.	.	.	.	.	.	.	.	.	3,253	06
Net gain for twelve months, . . . . .	.	.	.	.	.	.	.	.	.	4,859	41
										<u>\$13,944</u>	<u>64</u>

	CR.
407 barrels apples, . . . . .	\$416 80
446 bunches asparagus, . . . . .	35 03
69 bushels shell beans, . . . . .	69 00
52 bushels string beans, . . . . .	39 00
227 bushels beets, . . . . .	120 70
117 quarts blackberries, . . . . .	8 70
7,061 pounds beef, . . . . .	539 16
232 barrels cabbage, . . . . .	182 25
161 barrels and 363 dozen corn, green, . . . . .	286 87
13 bushels pop-corn, . . . . .	6 50
Cash received for cabbage, . . . . .	36 02
10 bushels carrots, . . . . .	5 00
120 dozen celery, . . . . .	98 50
<i>Amount carried forward, . . . . .</i>	<u>\$1,843 53</u>

<i>Amount brought forward,</i>	\$1,843 53
36 dozen cucumbers, early,	20 84
60 bushels cucumbers for pickling,	30 50
2,411 quarts currants,	201 42
1,250 gallons cider,	100 00
104 heads cauliflower,	4 16
335 dozen eggs,	67 00
Cash for fertilizer,	6 00
8 egg plants,	67
Cash for feeding horses,	3 00
10,730 pounds hay,	107 30
Cash for hide,	4 75
75 pounds horseradish,	7 50
23 bushels herbs,	23 00
Cash for labor,	11 50
Cash for live stock,	691 94
315 dozen lettuce,	87 28
42 dozen leeks,	10 50
182,920 quarts milk,	7,316 80
5 dozen melons,	5 42
Cash for old mowing machine,	6 00
395 bushels onions,	396 47
1½ bushels okra,	3 00
98 bushels pease,	119 50
46 bushels pears,	45 25
160 bushels parsnips,	84 00
2 bushels peaches,	8 00
1 bushel peppers,	1 00
78 pounds poultry,	11 70
Cash for pork, 22,129 pounds,	1,564 89
Cash for pigs,	163 25
Cash for premiums,	14 33
Cash for potatoes,	3 90
203 quarts raspberries,	24 36
661 dozen radishes,	198 30
3,265 pounds rhubarb,	51 52
1 bushel salsify,	3 19
794 quarts strawberries,	95 28
292 dozen summer squash,	72 75
3,169 pounds winter squash,	27 78
2,660 pounds rye straw,	22 35
448 bushels tomatoes,	169 20
196 bushels turnips,	88 40
188 pounds tallow,	4 56
Cash for use of teams,	222 55
	<hr/>
	\$13,944 64



## PRODUCTS OF THE FARM

ON HAND OCT. 1, 1889, AND NOT DELIVERED AT HOSPITAL.

---

Apples, . . . . .	80 barrels.
Apples, cider, . . . . .	45 barrels.
Beans, shell, . . . . .	8 bushels.
Beets, . . . . .	300 bushels.
Cabbage, . . . . .	7,000 heads.
Celery, . . . . .	2,500 heads.
Corn fodder, . . . . .	10 tons.
Corn, . . . . .	600 bushels.
Carrots, . . . . .	20 bushels.
Ensilage, . . . . .	60 tons.
Hay and rowen, . . . . .	200 tons.
Leeks, . . . . .	1,200
Lettuce, . . . . .	200 heads.
Onions, . . . . .	225 bushels.
Parsley, . . . . .	5 bushels.
Peppers, . . . . .	2 bushels.
Parsnips, . . . . .	200 bushels.
Pears, . . . . .	3 bushels.
Rye, . . . . .	60 bushels.
Salsify, . . . . .	10 bushels.
Turnips, . . . . .	250 bushels.
Tomatoes, . . . . .	25 bushels.
Squash, . . . . .	110 tons.
Ruta-bagas, . . . . .	300 bushels.
Hay, swale, . . . . .	5 tons.
Straw, rye, . . . . .	4 tons.

TWELFTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

WORCESTER INSANE ASYLUM

AT

WORCESTER,

FOR THE

YEAR ENDING SEPTEMBER 30, 1889.

---

BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.

1890.



## OFFICERS OF THE ASYLUM.

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ERNEST V. SCRIBNER, M.D.,	.	.	.	.	.	<i>Assistant Physician.</i>
CLARENCE R. MACOMBER,	.	.	.	.	.	<i>Clerk and Steward.</i>
SOPHIA N. GRAVES,	.	.	.	.	.	<i>Matron.</i>

---

WILLIAM SHERMAN,	.	.	.	.	.	.	<i>Engineer.</i>
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### TREASURER.

ALBERT WOOD,	.	.	.	.	.	.	WORCESTER.
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# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Worcester Lunatic Hospital, in charge of the Worcester Insane Asylum, respectfully present their twelfth annual report, together with the reports of the superintendent and treasurer.

A detailed statement of our condition, financial and otherwise, will be found under the treasurer's report and the tables of uniform statistics.

We are fortunate in retaining Dr. Quinby at the head of the asylum, who continues to administer its affairs faithfully and successfully ; and we have had no changes in our staff of assistants.

Dr. Quinby has gone on with his task of renovating and remodelling the buildings. Our buildings are old, and in many ways fail to meet modern requirements for light and ventilation. One after another these wards are changed. New bays and other extensions let in light, air and sunshine, and the whole atmosphere and appearance is altered. Not the least among the advantages of this is the skill with which Dr. Quinby has utilized the labor of the patients, and reduced the expenses of the work, while giving them employment. It must always be remembered that the insane cannot be forced to work, however advantageous the occupation may be for them.

The trustees must continue to call attention to the crowded condition of the institution. Further provision must soon be made for the increasing numbers of the insane. Our wards are filled to overflowing, leaving inadequate space for each patient, and making classification more difficult, while increasing the labor in caring properly for the patients.

Respectfully submitted,

ELLEN S. HALE.

FRANCES M. LINCOLN.

A. GEORGE BULLOCK.

THOMAS H. GAGE.

HENRY S. NOURSE.

ROCKWOOD HOAR.

FRANCIS C. LOWELL.

## OFFICERS AND THEIR SALARIES.

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HOSEA M. QUINBY, M.D., <i>Superintendent</i> , . . . . .	\$2,500 00
ERNEST V. SCRIBNER, M.D., <i>Assistant Physician</i> , . . . . .	1,200 00
CLARENCE R. MACOMBER, <i>Clerk and Steward</i> , . . . . .	1,000 00
SOPHIA N. GRAVES, <i>Matron</i> , . . . . .	325 00
WILLIAM SHERMAN, <i>Engineer</i> , . . . . .	1,000 00
ALBERT WOOD, <i>Treasurer</i> , . . . . .	400 00

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## VALUE OF STOCK AND SUPPLIES,

OCT. 1, 1889.

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Live stock, . . . . .	\$425 00
Carriages and agricultural implements, . . . . .	650 00
Machinery and mechanical fixtures, . . . . .	9,000 00
Beds and bedding in inmates' department, . . . . .	9,500 00
Other furniture in inmates' department, . . . . .	3,000 00
Personal property of State in superintendent's department, . . . . .	9,500 00
Ready-made clothing, . . . . .	1,059 30
Dry goods, . . . . .	1,394 44
Provisions and groceries, . . . . .	2,496 20
Drugs and medicines, . . . . .	350 00
Fuel, . . . . .	819 00
Library, . . . . .	400 00
Other supplies, . . . . .	2,150 00
	<hr/>
	\$40,743 94



## TREASURER'S REPORT.

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*To the Trustees of the Worcester Insane Asylum.*

GENTLEMEN : — I herewith submit my twelfth annual report on the finances of the Worcester Insane Asylum for the year ending Sept. 30, 1889.

### RECEIPTS.

Cash on hand Sept. 30, 1888 : —

Cash belonging to asylum, . . . . .	\$6,742 22	
Deposits of inmates, . . . . .	768 88	
	<hr/>	\$7,511 10

Amounts received : —

From the Commonwealth for support of patients, . . . . .	\$15,940 68	
cities and towns for support of patients, . . . . .	49,998 03	
other sources, . . . . .	1,176 33	
patients (on deposit), . . . . .	27 45	
	<hr/>	67,142 49
		<hr/>
		\$74,653 59

The expenditures for the year have been as follows : —

Salaries and wages, . . . . .	\$21,560 14
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Provisions and supplies : —

Meats of all kinds, . . . . .	\$3,957 21	
Fish of all kinds, . . . . .	737 49	
Fruit and vegetables, . . . . .	1,659 71	
Flour, . . . . .	3,897 50	
Meal for table, . . . . .	98 33	
Grain and hay, . . . . .	400 00	
Tea and coffee, . . . . .	1,026 33	
Sugar and molasses, . . . . .	1,474 22	
Milk, butter and cheese, . . . . .	7,184 51	
Salt and other groceries, . . . . .	1,045 91	
All other provisions, . . . . .	1,569 22	
	<hr/>	23,050 43
Clothing and material, . . . . .	\$3,796 35	
Fuel, . . . . .	5,094 99	
Lights, . . . . .	1,267 03	
	<hr/>	
Amounts carried forward, . . . . .	\$10,158 37	\$44,610 57

<i>Amounts brought forward,</i>	.	.	.	\$10,158 37	\$44,610 57
Medicine and medical supplies,	.	.	.	333 27	
Furniture and furnishings,	.	.	.	444 16	
Crockery,	.	.	.	411 50	
Beds and bedding,	.	.	.	810 77	
Transportation,	.	.	.	84 49	
Travelling,	.	.	.	60 00	
Trustees' expenses,	.	.	.	45 03	
Soap and water,	.	.	.	841 13	
Stationery,	.	.	.	89 34	
Undertaking,	.	.	.	264 00	
Repairs (ordinary),	.	.	.	3,000 00	
All other current expenses,	.	.	.	1,349 10	
				<hr/>	17,891 16
Total current expenses,	.	.	.	.	\$62,501 73
Repairs and improvements (extraordinary),	.	.	.	.	2,531 73
					<hr/>
Total amount expended,	.	.	.	.	\$65,033 46
Cash on hand Sept. 30, 1889,	.	.	.	.	9,620 13
					<hr/>
					\$74,653 59

## RESOURCES.

Cash on hand,	.	.	.	\$9,620 13	
Due from the Commonwealth,	.	.	.	4,187 07	
cities and towns,	.	.	.	12,612 60	
other sources,	.	.	.	90 25	
				<hr/>	\$26,510 05

## LIABILITIES.

Due for supplies and expenses,	.	.	.	\$3,506 32	
Due for salaries and wages,	.	.	.	1,771 14	
Due inmates (cash on deposit),	.	.	.	796 33	
				<hr/>	6,073 79
					<hr/>
Total surplus,	.	.	.	.	\$20,436 26

Respectfully submitted,

ALBERT WOOD,

*Treasurer.*

WORCESTER, MASS., Oct. 26, 1889.

The undersigned has this day carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1889, with the vouchers which are on file at the asylum, also the statement of cash received with the ledger accounts, and found them to be correct.

GEO. L. CLARK,

*Auditor of Accounts.*

## SUPERINTENDENT'S REPORT.

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*To the Trustees of the Worcester Insane Asylum..*

LADIES AND GENTLEMEN :—I beg to lay before you the following report of the condition of the asylum for the year ending Sept. 30, 1889.

There were remaining in the asylum Oct. 1, 1888, 395 patients ; 195 males and 200 females. During the year 31 males and 5 females were admitted, 4 males and 6 females were discharged, and 27 males and 11 females died ; leaving, at the end of the official year, 383 patients, — 195 males and 188 females.

Of the patients admitted, 4 women were received from Tewksbury Almshouse, 20 males were transferred from Northampton, 10 males and 1 female from the Worcester Lunatic Hospital, and 1 male was returned from boarding out.

Of the patients discharged, 1 male and 4 females were taken home by friends, 1 male was removed to Austin Farm, 1 to Beverly Almshouse, 1 male and 1 female were boarded out, and 1 female was discharged recovered.

For obvious reasons, one would not expect to find among the inmates of this asylum many cases suitable for boarding out. Patients at once harmless, quiet, cleanly, and easily controlled in a private family, are seldom included in our transfers. At the request, however, of the Board of Lunacy and Charity, we have, from time to time, carefully gone over our list of patients, for the purpose of selecting any who might be thus cared for ; but our search has not been rewarded by any very encouraging results. In all, four patients have been boarded out from the asylum, three of whom were returned within a few weeks after their discharge. The fourth still remains in the family where she was first placed, and is apparently doing well.



One woman is reported recovered. This case was one of chronic mania, following intemperance. The patient, after having been the rounds of the jails, was committed to Danvers in January, 1880, where she remained until August of the same year. She was then discharged, but was re-committed on the following day. In January, 1881, she was transferred to the Worcester Lunatic Hospital; was quiet for a few weeks thereafter, but soon became violent, destructive and exceedingly difficult to manage. In January, 1887, she came to the asylum. She was reported as very troublesome, but no longer violent save with her tongue. Here she was at first somewhat unreasonable in her demands, and disposed to be irritable when these demands were not complied with. She soon improved in this respect, however, and gave conclusive evidence that she was both determined and able to control herself. When she had been at the asylum something over a year, she was put on an open ward and allowed the liberty of the grounds, and finally given her parole, with the privilege of going outside to church and about the city at will. After having enjoyed these liberties for some months, without showing any disposition to abuse them, it seemed proper that she should be discharged, and especially as she had for some time appeared perfectly rational and seemed very anxious to go to work, and try once more to support herself. She left the asylum February 16, after a continuous hospital residence of nine years; and a boarding place was provided for her in the city, until such a time as she could find satisfactory employment. I saw her frequently for the next two months. After this she passed from under my observation, having procured work. It seemed, at the time of her discharge, that the case was one where a brain disordered by a long course of dissipation had after many years been restored to its normal, healthy condition, through enforced abstinence, regular habits and good diet; and, notwithstanding the fact that the person in question is at the present writing an inmate of the Worcester County Jail, where she is, for the second time since her discharge from the asylum, serving out a sentence for drunkenness, I think a recovery may justly be claimed in this case. Unfortunately, however, a recovery from insanity resulting



from intemperance seldom includes a cure of the craving for intoxicants. Even after years of enforced abstinence, such persons usually return to their dissipated habits, and with renewed indulgence comes a recurrence of mental derangement.

Such patients are well only so long as they are under restraint. They are more weak than vicious. They have a feebleness of will power, either inherited or acquired, which renders it impossible for them voluntarily to restrain their appetites; and they are therefore in continual need of the protecting arm of society and of the State to shield them from the consequences of their own acts.

Although the abuse of alcohol often produces brain changes which may result in permanent insanity, in cases like the above it is probable that there is simple derangement of this organ, rather than actual disease. In most instances this derangement is of short duration, and reason returns as soon as the alcohol is fully eliminated from the system. It is therefore impracticable to detain such persons for any sufficient length of time in a hospital for the insane. It is no less a fact, however, that many of these cases need restraint, some permanently, and others for a longer or shorter time; and it is to the credit of the State of Massachusetts that she has now made special provisions for this class of her dependents in a separate institution.

*Ratio of Deaths from the Opening of the Asylum to Oct. 1, 1889.*

OFFICIAL YEAR.	Whole No. of Patients.	Daily Average No. of Patients.	DEATHS.			Per cent. on Whole No. of Patients treated.	Per cent. on Daily Average No. of Patients.
			Males.	Females.	Totals.		
1877-78, . . .	429	382.98	18	8	26	6.05	6.78
1878-79, . . .	422	367.41	22	11	33	7.82	8.98
1879-80, . . .	413	363.15	15	8	23	5.56	6.33
1880-81, . . .	401	362.09	18	6	24	5.98	6.62
1881-82, . . .	439	375.59	21	11	32	7.28	8.51
1882-83, . . .	461	384.33	37	24	61	13.23	15.84
1883-84, . . .	438	390.69	22	20	42	9.58	10.75
1884-85, . . .	448	391.12	20	14	34	7.58	8.69
1885-86, . . .	476	400.28	23	15	38	7.98	9.49
1886-87, . . .	444	393.52	21	17	38	8.55	9.65
1887-88, . . .	451	393.95	23	14	37	8.20	9.39
1888-89, . . .	431	385.56	27	11	38	8.81	9.85

We have had no accident or unusual sickness during the year. Of the 38 deaths, 9 were from phthisis, 8 from exhaustion of chronic mania, 4 from paralysis, 3 from dysentery, and 1 each from heart disease, embolism, pyæmia, and obstruction of the bowels. Six of these patients were between seventy and eighty years of age at the time of their death. The average duration of insanity in these cases was twelve years and eight months.

As far as the general history of the asylum is concerned, nothing has taken place during the year requiring special comment. Realizing that the purpose of the institution is something more than simply to furnish food and shelter to those intrusted to its care, we have endeavored, while administering to the bodily comforts of its inmates, to leave no method untried for improving their mental condition; and, although the measure of our success can not be made apparent in any table of statistics, you who have visited these wards from week to week will, I think, bear me out in the assertion that our efforts have not been unrewarded.

In common with others, we have found that labor in some form is one of the most useful means for improving the mental condition of the insane. We try, therefore, to keep every one employed as fully as possible, for their own good, rather than for the good of the asylum, knowing that, however valuable a patient's work may be to the institution, it is of tenfold more value to himself. Occupation is the great remedial agent; and it is to be regretted that so many of the insane, led by their delusions, are unwilling to employ themselves, and prefer a life of idleness.

After work comes recreation, as the most useful means for diverting the mind from its morbid fancies. The circus, the New England fair, the Thanksgiving dinner, the Christmas tree, and the frequent lectures and entertainments given in our chapel during the winter months, have all found eager and interested patrons among our inmates.

Our daily average number of patients has been a little less than last year. We have had very few female transfers; and for this reason the overcrowded condition of our women's wards, noted in my last report, has been in a measure relieved. But we are still crowded, and this crowding must increase



rather than diminish during the coming year, as the same condition holds, in an equal or greater degree, in all the hospitals.

Additional provisions for the insane should be made at once. The State of Massachusetts has always shown a willingness to provide for any and all of its wards, whenever it could be demonstrated that such provisions were actually needed; and I hope, therefore, that this matter will be brought before the coming Legislature in its proper light.

With the exception of this asylum and the insane department of the Tewksbury Almshouse, all the provisions which have been made heretofore for the insane in Massachusetts have been with reference to acute patients; until we now have ample, and, in fact, more than ample, accommodations for this class for many years to come. The wards of our hospitals are crowded with chronic cases, and it is for these that additional and separate provisions should be made. There may be some diversity of opinion as to how and where this should be done, — whether in a separate institution, or as an adjunct to one or more of the existing hospitals; but no one who has to do with our institutions for the insane will deny the necessity for immediate action in some direction.

After having had some considerable experience in caring for the insane, both in a hospital for the acute and in an institution for chronic cases only, I am decided in the opinion that it is not for the interest of either class to add to our present establishments. They are already too large to be administered with the best results. If our hospitals are to remain in any sense curative, their numbers must be kept within such reasonable limits that the superintendent can have personal knowledge of his patients, and not be obliged to treat them at second hand. The only argument that I am aware of in favor of the plan of building for the chronic insane in connection with our present hospitals, is that of economy. But it is very doubtful whether this plan would prove an economical one in the end, either in regard to building or administration. Any material addition to either of the hospitals would necessitate a corresponding addition to each of the several administrative departments. To make these alterations in an already existing plant would, in the end, be quite as expensive as to build *de novo*, and the

results far less satisfactory. Possibly in adopting this plan there might be a slight saving in salaries, if only three or four hundred patients were in question. Should the number be increased, however, to one thousand or twelve hundred, the outlay for salaries would undoubtedly be less in a separate establishment especially designed for the class in question, than it would be if the same number of patients were scattered about in four or five hospitals.

An institution adapted to the wants of the chronic insane can be built for a sum not exceeding five hundred dollars per bed, while the cost of support of the patients in such an institution can be materially reduced without sacrificing anything necessary for their comfort and well-being.

On account of a diminished income, our repairs have gone on but slowly. During the year, however, we have reslated the centre and Johonnot wards on the male side of the house, renewed the last remaining tier of bath-rooms and closets, and thrown out three bay windows, — one from the centre, one from the west Johonnot wards, and one from the south-west corner of the portico (this last being carried up to a tower); thus virtually completing the alterations upon the outside of the male wings. We are now in a position to go on and finish the repairs, begun last year, on the inside of these wards; and this we hope to do during the coming winter.

Heretofore the asylum has had no suitable place for carrying on pathological and microscopical investigations. By dividing the general office, however, which was unnecessarily large, we have secured a room very convenient for this purpose.

Our daily average number of patients has been 385.56, and the per capita cost of support \$3.12 per week.

No one can realize, more fully than does the superintendent, that the success of this institution is due in a large measure to the character and zeal of its subordinate officers and employees; the majority of whom, it is a pleasure to be able to say, have labored conscientiously for the interest of the asylum, and have performed their duties (often exacting and disagreeable) kindly, patiently and faithfully.

H. M. QUINBY,

*Superintendent.*





TABLES FOR UNIFORM STATISTICS

IN THE

MASSACHUSETTS HOSPITALS AND ASYLUMS  
FOR THE INSANE.

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[Approved by the Board of Health, Lunacy and Charity, April 3, 1880.]

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By the act of the Legislature establishing an asylum for the chronic insane, it was provided, “That the inmates thereof shall consist only of such chronic insane as may be transferred thereto by the Board of State Charities in the manner provided in section four, chapter two hundred and forty, of the acts of the year eighteen hundred and sixty-three.” (Statutes, 1877, chap. 227.)

All the patients of the asylum, therefore, have been former inmates of one or more hospitals in the State; and whenever in these tables they appear as “first admissions,” they are only to be regarded as first admissions to this asylum.

1. *General Statistics of the Year.*

	Males.	Females.	Totals.
Patients in asylum Oct. 1, 1888, . . .	195	200	395
Admissions within the year, . . .	31	5	36
Whole number of cases within the year, .	226	205	431
Discharges within the year, . . .	—	—	—
Viz.: as recovered, . . .	—	1	1
much improved, . . .	—	—	—
improved, . . .	2	5	7
unimproved, . . .	2	—	2
Deaths, . . .	27	11	38
Patients remaining Sept. 30, 1889, . . .	195	188	383
Viz.: supported as State patients, . . .	64	30	94
town patients, . . .	131	158	289
private patients, . . .	—	—	—
Number of different persons within the year, .	226	205	431
admitted, . . .	31	5	36
recovered, . . .	—	1	1
Daily average number of patients, . . .	190.98	194.58	385.56

2. *Monthly Admissions, Discharges and Averages.*

MONTHS.	ADMISSIONS.			DISCHARGES (including Deaths).			DAILY AVERAGE OF PATIENTS IN THE HOUSE.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
<b>1888.</b>									
October, . . .	—	—	—	2	2	4	192.71	198.35	391.06
November, . . .	—	—	—	2	—	2	191.56	197.27	388.83
December, . . .	—	—	—	1	—	1	189.74	197.00	386.74
<b>1889.</b>									
January, . . .	—	4	4	3	2	5	187.64	197.68	385.32
February, . . .	—	—	—	1	1	2	185.50	197.68	383.18
March, . . .	—	—	—	2	4	6	183.19	196.32	379.51
April, . . .	1	—	1	5	1	6	180.56	192.17	372.73
May, . . .	20	1	21	—	—	—	189.97	192.13	382.10
June, . . .	—	—	—	1	1	2	198.43	193.00	391.43
July, . . .	—	—	—	4	—	4	197.03	192.00	389.03
August, . . .	10	—	10	4	1	5	197.45	191.39	388.84
September, . . .	—	—	—	6	5	11	198.03	189.97	388.00
Total of cases, . . .	31	5	36	31	17	48	—	—	—
Total of persons, . . .	31	5	36	31	17	48	—	—	—

3. Received on First and Subsequent Admissions.

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	31	5	36	—	—	—
Second, . . . . .	—	—	—	—	—	—
Etc., . . . . .	—	—	—	—	—	—
Total of cases, . . .	31	5	36	—	—	—
Total of persons, . .	31	5	36	—	—	—

4. Ages of Persons admitted for the First Time.

AGES.	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Fifteen years and less, .	3	—	3	—	—	—
From 15 to 20 years, . .	2	1	3	—	—	—
20 to 25 years, . . .	1	—	1	1	1	2
25 to 30 years, . . .	2	—	2	2	—	2
30 to 35 years, . . .	2	—	2	4	—	4
35 to 40 years, . . .	3	1	4	5	—	5
40 to 50 years, . . .	4	1	5	7	2	9
50 to 60 years, . . .	1	—	1	7	1	8
60 to 70 years, . . .	—	—	—	2	—	2
70 to 80 years, . . .	—	—	—	3	1	4
Over 80 years, . . . .	—	—	—	—	—	—
Unknown, . . . . .	13	2	15	—	—	—
Totals, . . . . .	31	5	36	31	5	36



5. *Parentage of Persons admitted.*

PLACES.	MALES.		FEMALES.		TOTALS.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Vermont, . . . .	1	1	—	—	1	1
Massachusetts, . . . .	7	7	—	—	7	7
New Hampshire, . . . .	—	—	1	1	1	1
New York, . . . .	1	1	—	—	1	1
North Carolina, . . . .	1	1	—	—	1	1
England, . . . .	4	4	—	—	4	4
Ireland, . . . .	10	10	4	4	14	14
Canada, . . . .	1	1	—	—	1	1
Austria, . . . .	1	1	—	—	1	1
Germany, . . . .	2	2	—	—	2	2
Scotland, . . . .	1	1	—	—	1	1
Unknown, . . . .	2	2	—	—	2	2
Totals, . . . .	31	31	5	5	36	36

6. *Residence of Persons admitted.*

PLACES.	Males.	Females.	Totals.
Massachusetts, viz. : —			
Bristol County, . . . .	1	—	1
Suffolk County, . . . .	9	3	12
Middlesex County, . . . .	3	1	4
Hampshire County, . . . .	1	—	1
Norfolk County, . . . .	1	—	1
Berkshire County, . . . .	1	—	1
Hampden County, . . . .	5	—	5
Worcester County, . . . .	4	1	5
Unknown, . . . .	6	—	6
Totals, . . . .	31	5	36
Cities or large towns, . . . .	31	5	36

### 7. Civil Condition of Persons admitted.

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First, . . .	16	3	19	6	—	6	—	2	2	9	—	9
Second, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . .	16	3	19	6	—	6	—	2	2	9	—	9

8. *Occupations of Persons admitted.*

OCCUPATIONS.	Males.	Females.	Totals.
Laborers, . . . . .	8	—	8
Domestics, . . . . .	—	2	2
Cook, . . . . .	—	1	1
Surgeon, . . . . .	1	—	1
Marble worker, . . . . .	1	—	1
Clerks, . . . . .	2	—	2
Waiters, . . . . .	2	—	2
Farmer, . . . . .	1	—	1
Teacher, . . . . .	1	—	1
Sailor, . . . . .	1	—	1
Operatives, . . . . .	2	—	2
Carpenters, . . . . .	2	—	2
No occupation, . . . . .	2	1	3
Unknown, . . . . .	8	1	9
Totals, . . . . .	31	5	36

9. Form of Disease in the Cases admitted.

FORM OF DISEASE.	Males.	Females.	Totals.
Mania, chronic, . . . . .	17	3	20
Epilepsy, . . . . .	3	—	3
Dementia, chronic, . . . . .	9	2	11
Idiocy, . . . . .	2	—	2
Total of cases, . . . . .	31	5	36
Total of persons, . . . . .	31	5	36

10. Reported Duration of Insanity before Last Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO THIS ASYLUM.			ALL OTHER ADMISSIONS.			TOTALS.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital, . . . . .	2	—	2	—	—	—	2	—	2
Under 1 month, . . . . .	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	—	—	—	—	—	—
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	—	—	—	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	—	—	—	—	—	—
2 to 5 years, . . . . .	1	1	2	—	—	—	1	1	2
5 to 10 years, . . . . .	1	1	2	—	—	—	1	1	2
10 to 20 years, . . . . .	12	1	13	—	—	—	12	1	13
Over 20 years, . . . . .	2	—	2	—	—	—	2	—	2
Unknown, . . . . .	13	2	15	—	—	—	13	2	15
Total of cases, . . . . .	31	5	36	—	—	—	31	5	36
Total of persons, . . . . .	31	5	36	—	—	—	31	5	36
Av'ge of known cases, . . . . .	16.69	8.05	12.37	—	—	—	16.69	8.05	12.37

11. Probable Causes of Insanity in Persons admitted.

CAUSES.	Males.	Females.	Totals.
Sunstroke, . . . . .	1	—	1
Intemperance, . . . . .	1	—	1
Epilepsy, . . . . .	2	—	2
Congenital, . . . . .	2	—	2
Heredity, . . . . .	3	—	3
Over-study, . . . . .	2	—	2
Senility, . . . . .	—	1	1
Sickness, . . . . .	1	1	2
Unknown, . . . . .	19	3	22
Totals, . . . . .	31	5	36

12. Relations to Hospitals of Persons admitted.

HOSPITAL RELATIONS.	Ma.	Fe.	Tot.
First admission to any hospital for the insane, . .	—	—	—
Former inmates of the asylum, . . . . .	1	—	1
of Tewksbury Almshouse, . . . . .	2	4	6
of Worcester Lunatic Hospital, . . . . .	15	4	19
of Ipswich Receptacle, . . . . .	1	—	1
of Taunton Lunatic Hospital, . . . . .	4	1	5
of Northampton Lunatic Hospital, . . . . .	21	—	21
of McLean Asylum, . . . . .	2	—	2
Total of cases, . . . . .	46	9	55
Total of persons, . . . . .	31	5	36



13. How Supported.

SUPPORTED AS —	PATIENTS ADMITTED.			AVERAGE OF THE YEAR.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
State patients, . . . . .	17	1	18	60.44	32.00	92.44
Town patients, . . . . .	14	4	18	130.54	162.58	293.12
Totals, . . . . .	31	5	36	190.98	194.58	385.56

14. Discharges, classified by Admission and Result.

	RECOVERED.			IMPROVED.			UNIMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	—	1	1	2	5	7	2	—	2	27	11	38	31	17	48
Second, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . . . .	—	1	1	2	5	7	2	—	2	27	11	38	31	17	48
Persons, . . . . .	—	1	1	2	5	7	2	—	2	27	11	38	31	17	48

15. Cases resulting in Death. — Duration.\*

	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	1	—	1	—	—	—
3 to 6 months, . . . . .	2	—	2	2	1	3	—	—	—
6 to 12 months, . . . . .	2	—	2	3	1	4	—	—	—
1 to 2 years, . . . . .	4	—	4	5	1	6	1	—	1
2 to 5 years, . . . . .	6	5	11	4	2	6	1	—	1
5 to 10 years, . . . . .	3	3	6	9	4	13	3	2	5
10 to 20 years, . . . . .	2	—	2	3	2	5	9	3	12
Over 20 years, . . . . .	3	1	4	—	—	—	3	2	5
Unknown, . . . . .	5	2	7	—	—	—	5	2	7
Totals, . . . . .	27	11	38	27	11	38	27	11	38
Average of known cases (in months), . . . . .	82.54	97.55	90.04	52.37	68.18	60.27	138.86	168.00	153.43

\* Of the attack resulting in death.

*16. Cases discharged by Recovery or Death.*

FORM OF INSANITY.	RECOVERIES.			DEATHS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Mania, acute, . . .	—	—	—	—	—	—
chronic, . . .	—	1	1	16	9	25
Epilepsy, . . .	—	—	—	1	1	2
Dementia, chronic, . .	—	—	—	7	—	7
Senility, . . .	—	—	—	—	1	1
Paresis, . . .	—	—	—	3	—	3
Total of cases, . .	—	1	1	27	11	38
Total of persons, . .	—	1	1	27	11	38

*17. Causes of Death.*

CAUSES.	Males.	Females.	Totals.
Phthisis, . . . . .	7	2	9
Epilepsy, . . . . .	3	1	4
Heart disease, . . . . .	1	—	1
Exhaustion, . . . . .	6	2	8
Paresis, . . . . .	3	—	3
Embolism, . . . . .	—	1	1
Pyæmia, . . . . .	1	—	1
Paralysis, . . . . .	1	3	4
Bright's disease, . . . . .	2	1	3
Dysentery, . . . . .	3	—	3
Obstruction of bowels, . . . . .	—	1	1
Totals, . . . . .	27	11	38

18. *Ages of Those who died.*

AGES.	AT TIME OF FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Fifteen years and less, .	—	—	—	—	—	—
From 15 to 20 years, . .	3	1	4	—	—	—
20 to 25 years, . .	4	—	4	—	1	1
25 to 30 years, . .	1	3	4	—	1	1
30 to 35 years, . .	5	—	5	7	—	7
35 to 40 years, . .	5	1	6	7	3	10
40 to 50 years, . .	1	2	3	7	2	9
50 to 60 years, . .	1	1	2	1	—	1
60 to 70 years, . .	1	1	2	2	1	3
70 to 80 years, . .	1	—	1	3	3	6
Over 80 years, . . .	—	—	—	—	—	—
Unknown, . . . .	5	2	7	—	—	—
Totals, . . . .	27	11	38	27	11	38



19. *Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths within the Official Year, and the Number of Each Year's Admissions remaining Sept. 30, 1889.*

NEW CASES.																			
DISCHARGED AND DIED IN 1889.																			
YEARS.	ADMITTED.			RECOVERED.			MUCH IMPROVED.			IMPROVED.			UNIMPROVED.			DIED.			
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
1878,	209	220	429	-	-	-	-	-	-	1	1	1	1	-	-	1	3	2	5
1879,	30	17	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
1880,	25	16	41	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
1881,	10	18	28	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4
1882,	49	22	71	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
1883,	51	29	80	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
1884,	37	10	47	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3
1885,	24	38	62	-	-	-	-	-	-	2	1	2	-	-	-	-	1	-	1
1886,	41	30	71	-	-	-	-	-	-	1	1	1	-	-	-	-	1	2	3
1887,	21	25	46	-	1	1	-	-	-	-	-	-	-	-	-	-	4	-	4
1888,	46	13	59	-	-	-	-	-	-	2	1	3	-	-	-	-	6	2	8
1889,	31	5	36	-	-	-	-	-	-	-	-	-	1	-	-	-	3	1	4
Totals,	574	443	1,017	-	1	1	-	-	-	2	5	7	2	-	-	2	27	11	38



